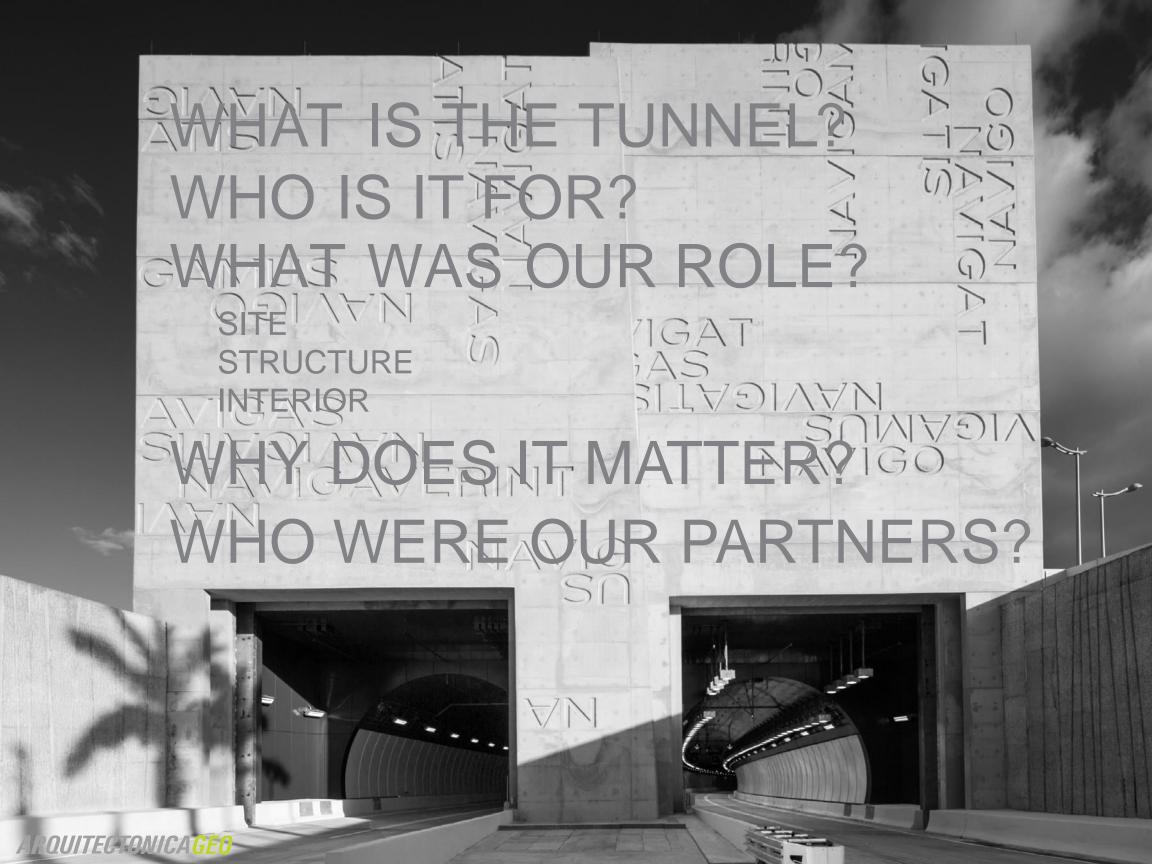
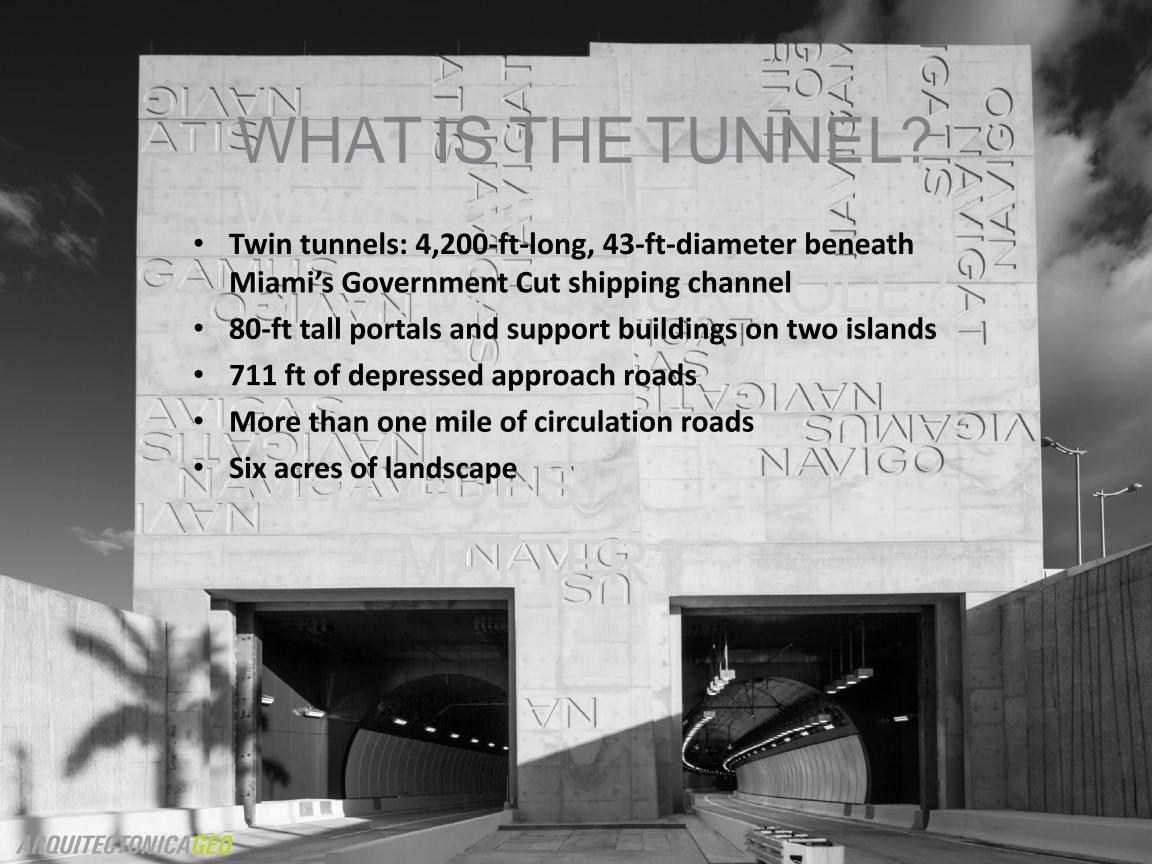


PortMiami Tunnel Bringing Art Back to Infrastructure

Elaine Mills, PLA LEED AP
ArquitectonicaGEO







A design-build-finance-operate-and-maintain (DBFOM) Public Private Partnership (PPP)

Public: FDOT, Miami-Dade County and the City of Miami

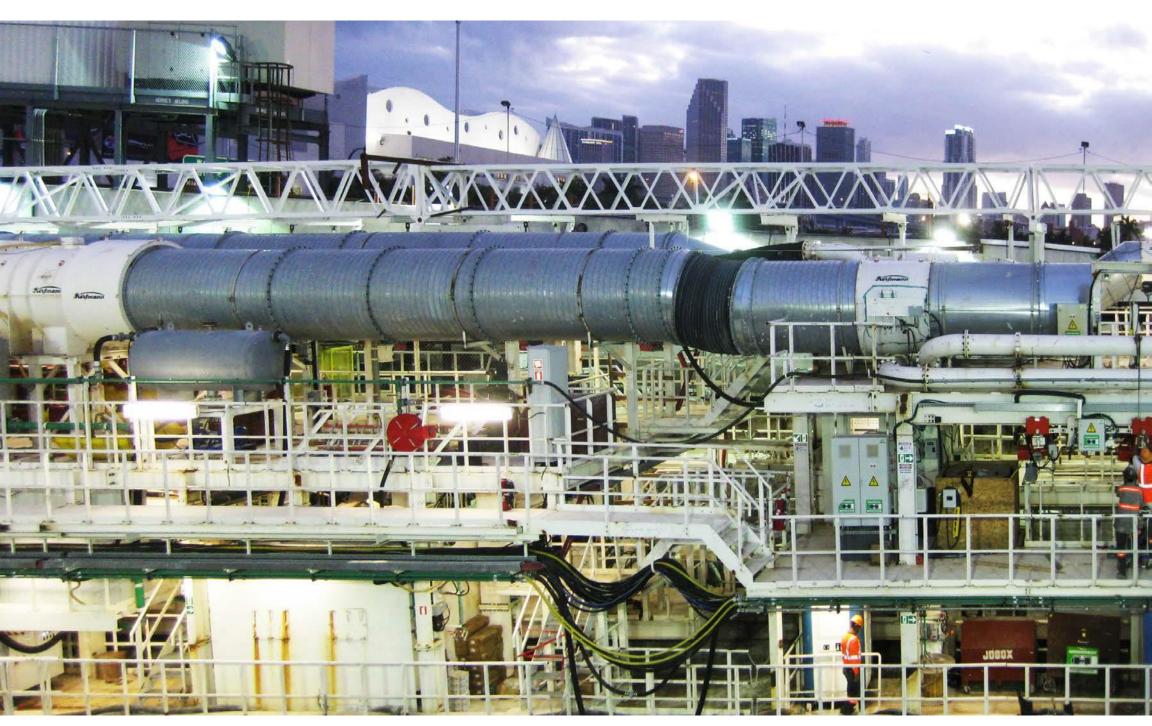
Private MAT Concessionaire: Meridiam Infrastructure and Bouygues Travaux

Publics

Design-Build Contractor: Bouygues Civil Works Florida



30 years in planning, over 3 years in construction, Substantial Completion May 2014



January 2012

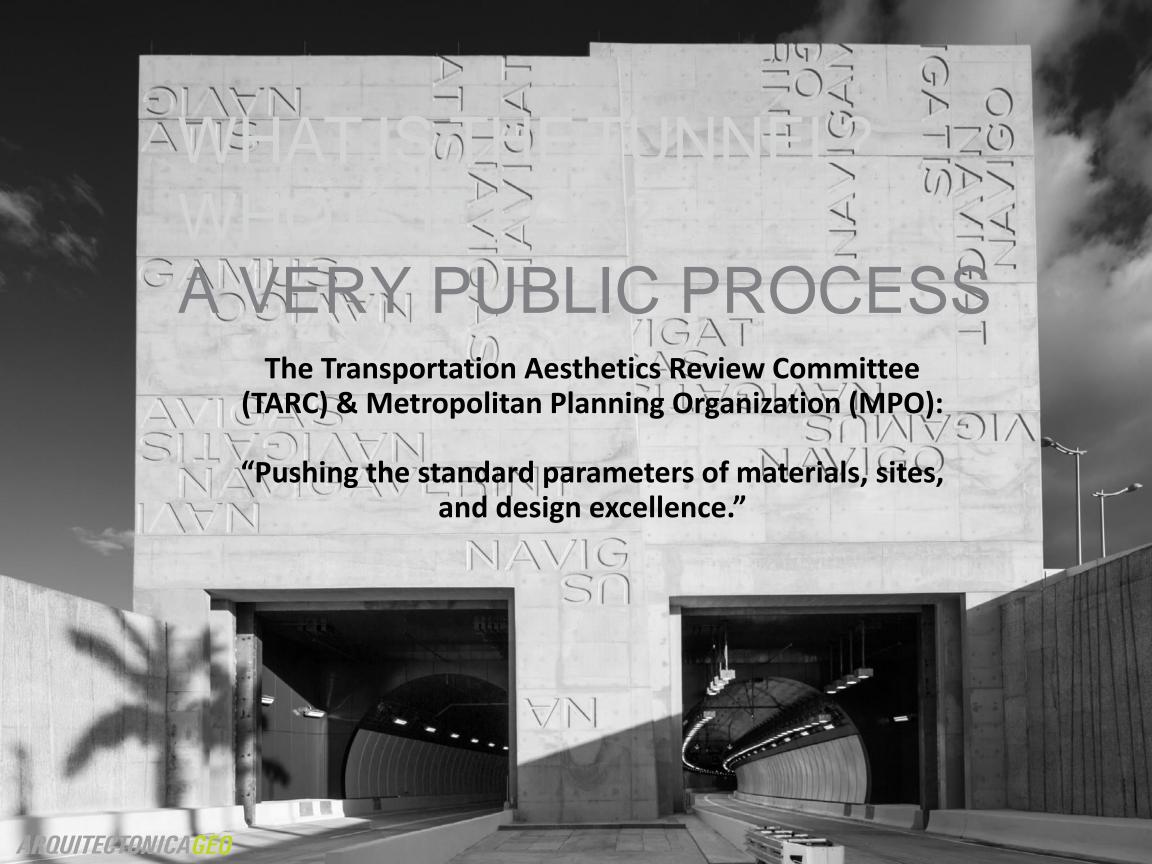


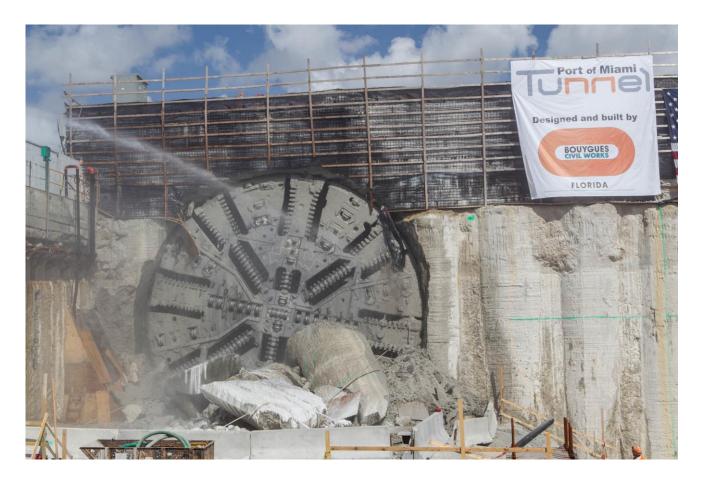






freight cruise art basel







July 2012 July 2014



NAMEO MGAT SITE SILVEINVN SNINYSIA SILYSINY EBINS NAVICE















site context



Perez Art Museum



Frost Science Museum



Parrot Jungle Island

natural context









site constriants



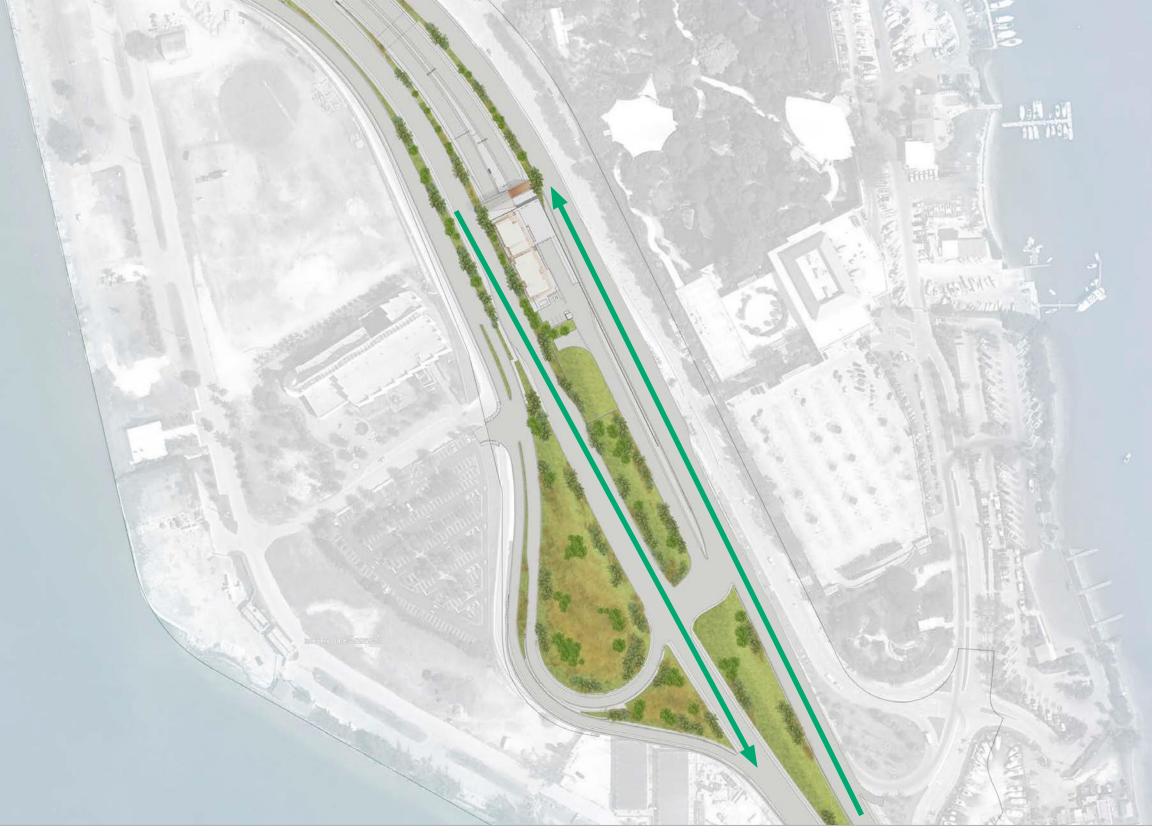


WATSON ISLAND

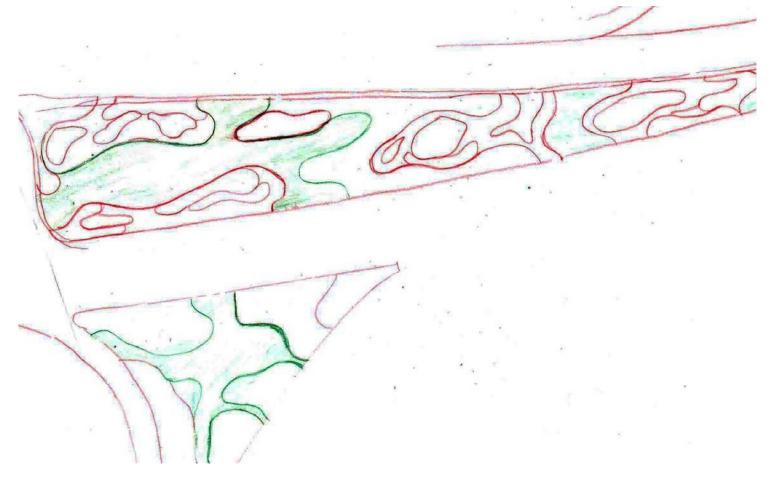








establishing forms

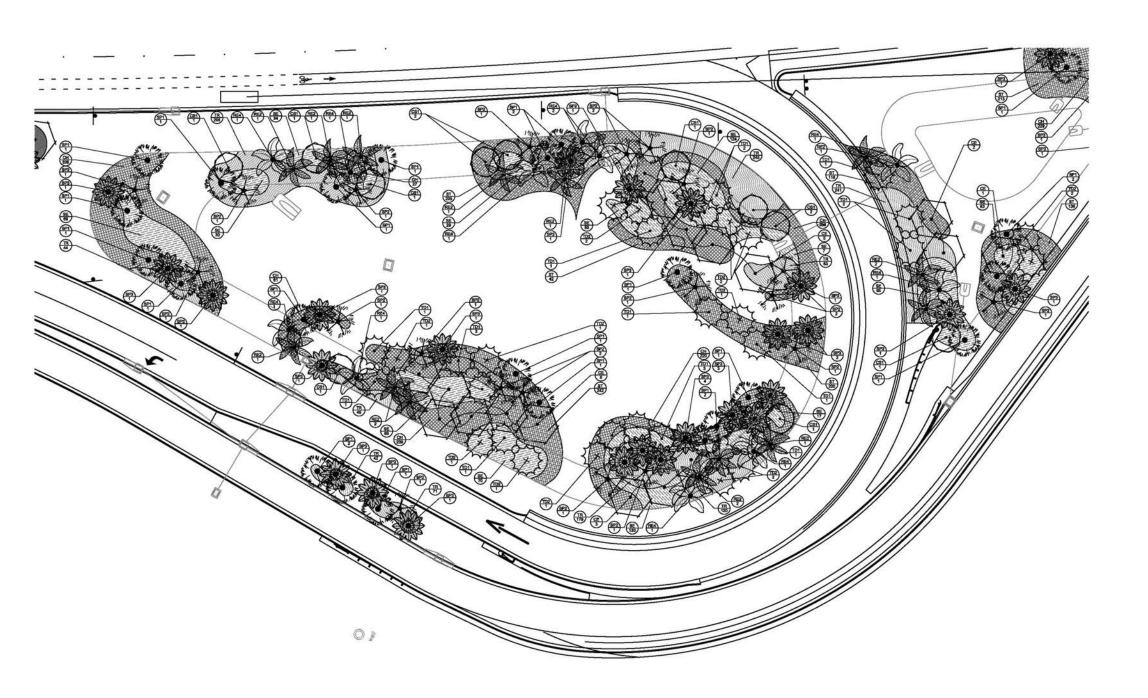


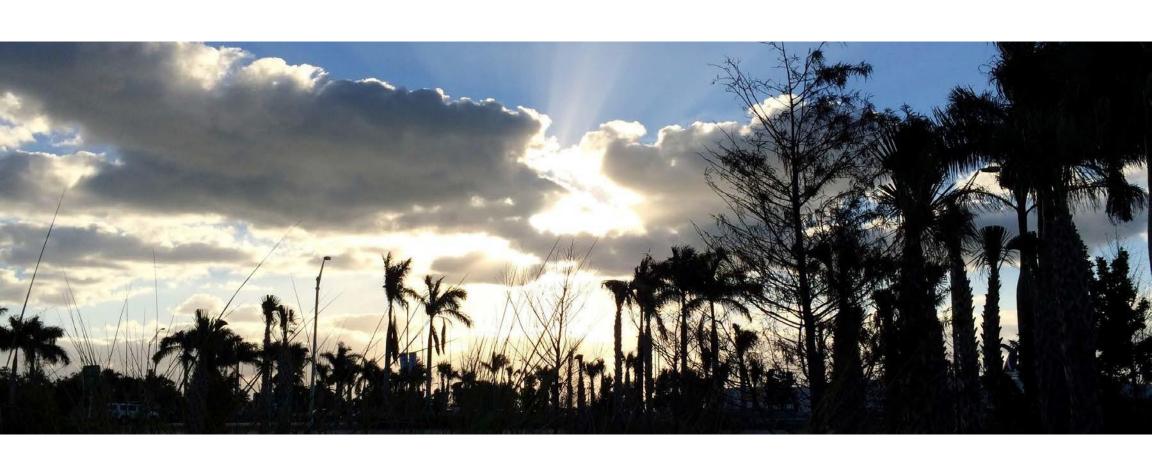






planting layout



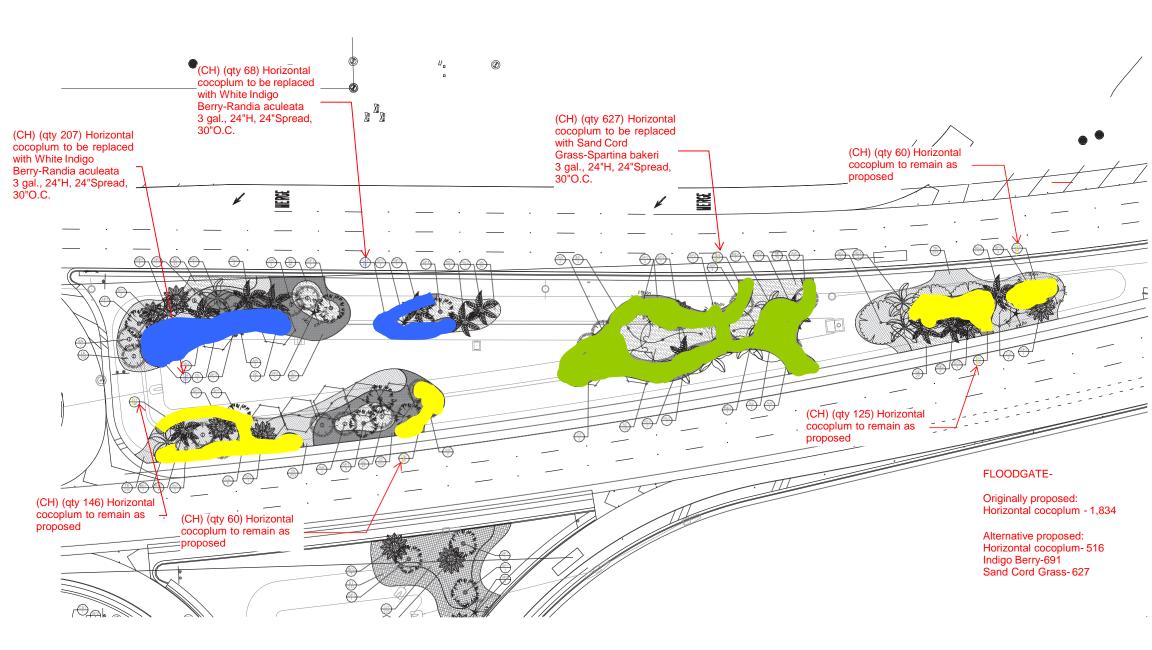


elevation study





adjusting the plan



installation

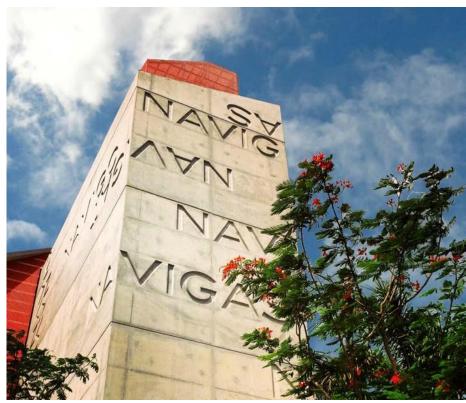


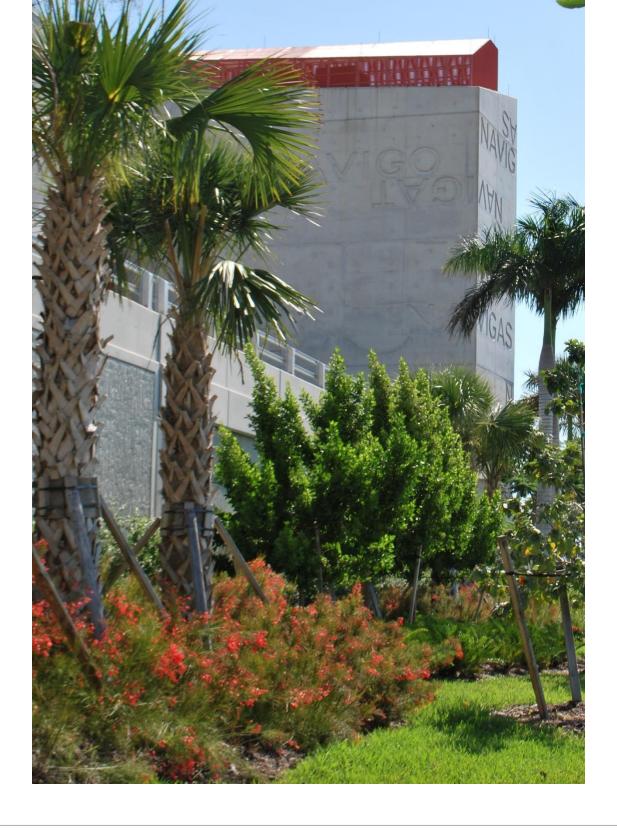


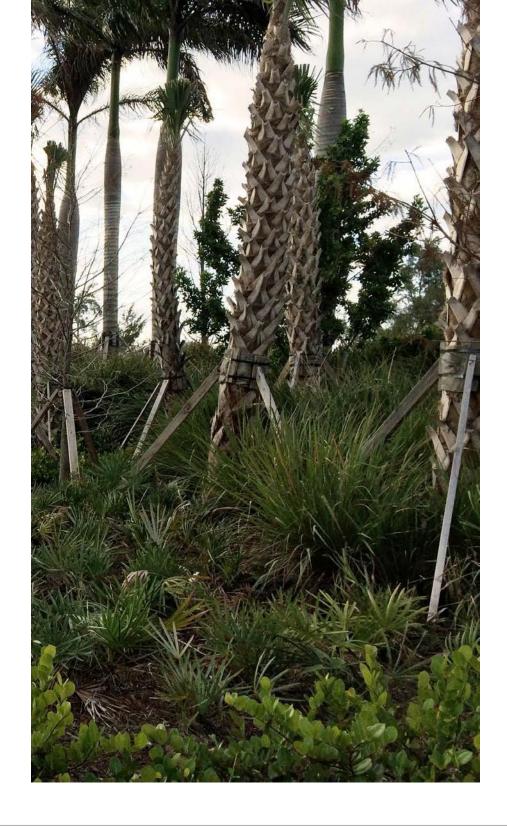




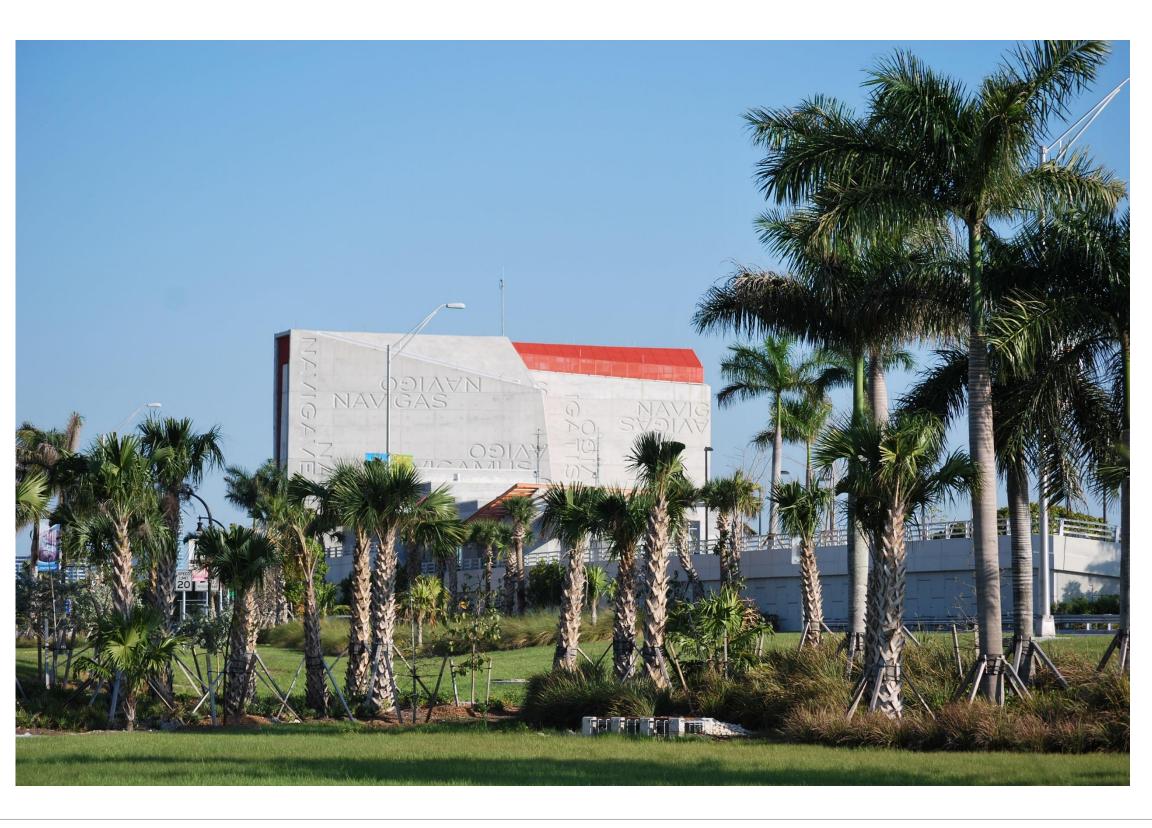


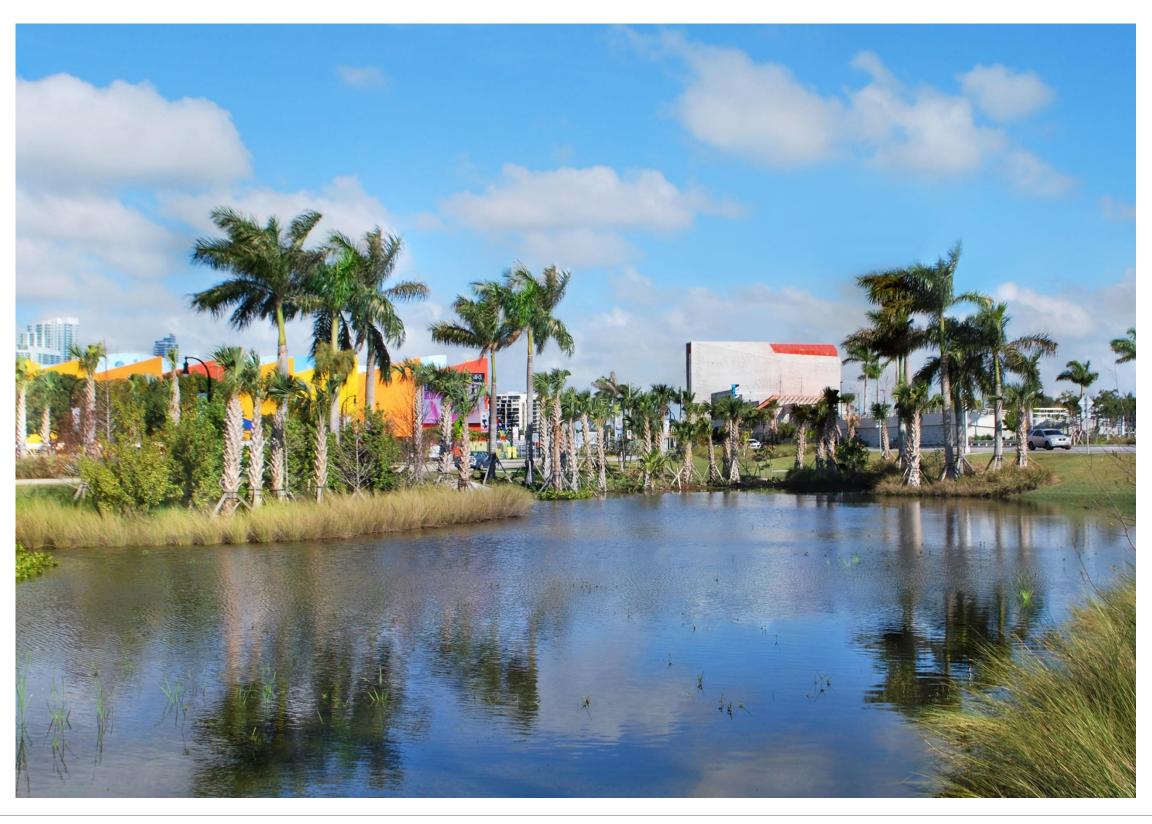








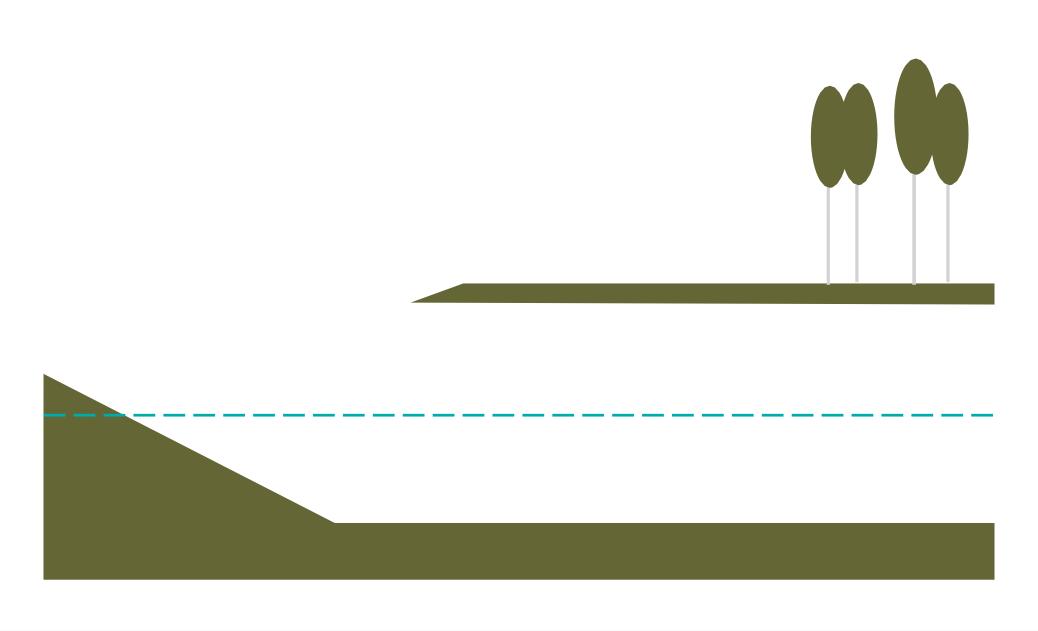




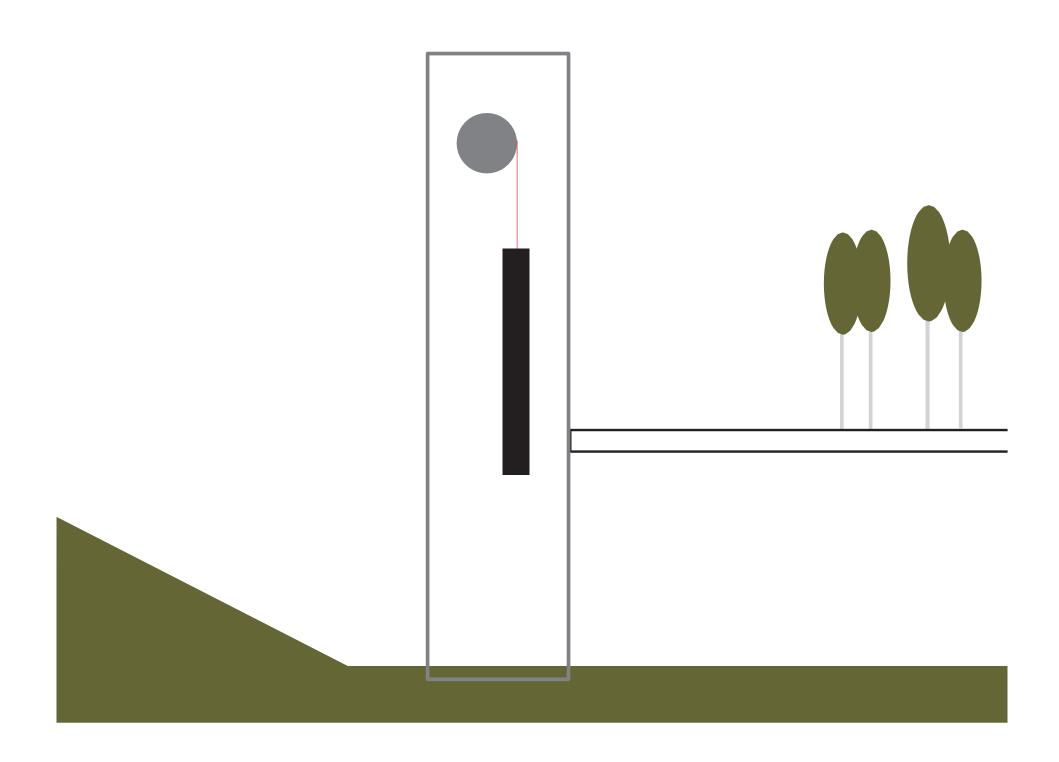
MGAT AS; SILVOINVN **TRUCTURES** SOMYDIA AMERINI ROUITECTONICA

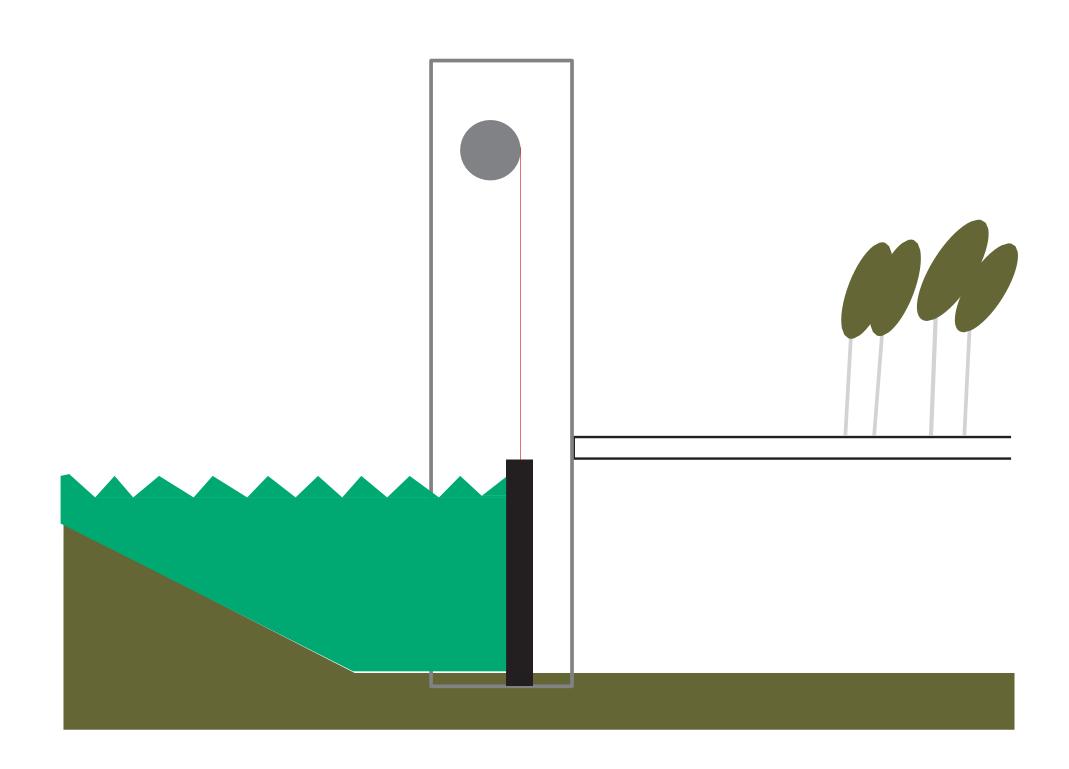
why floodgates?

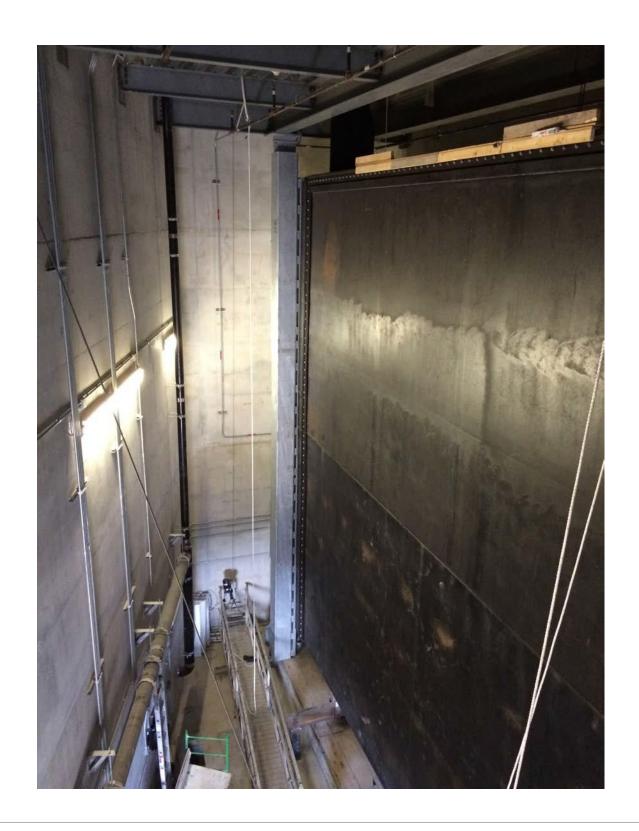




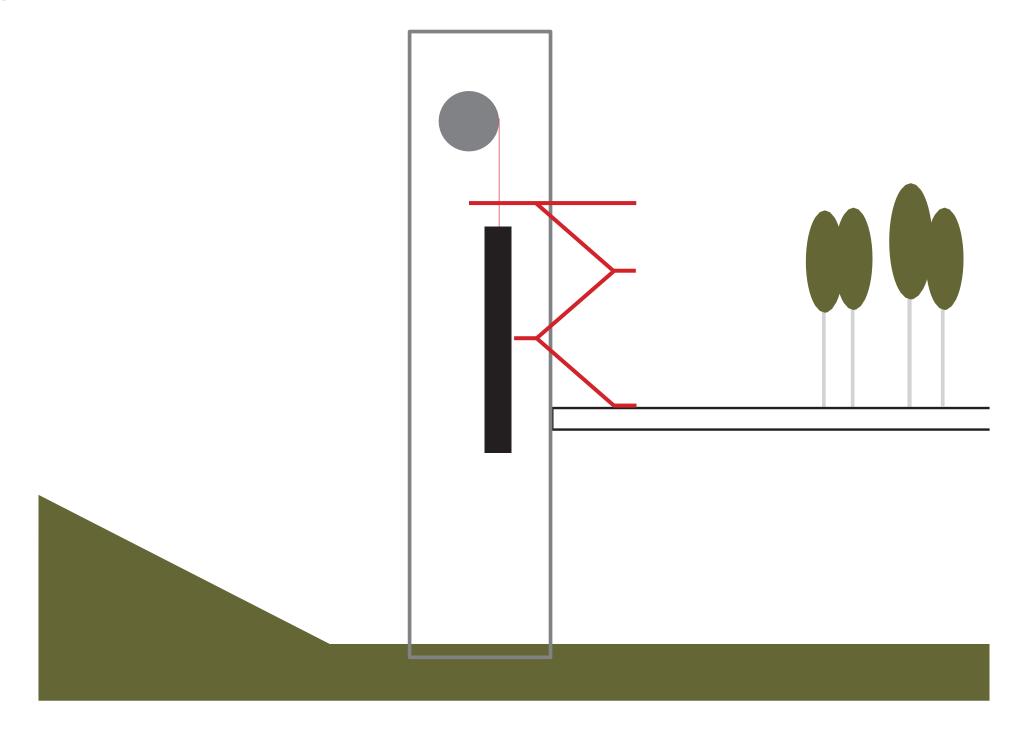


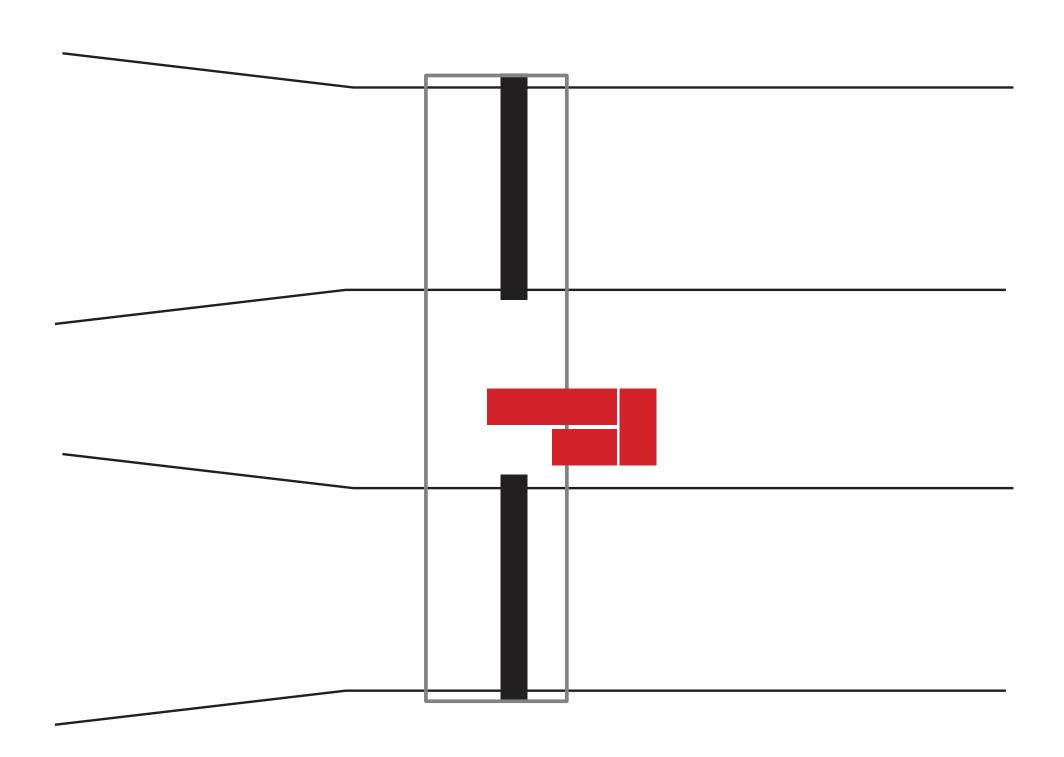


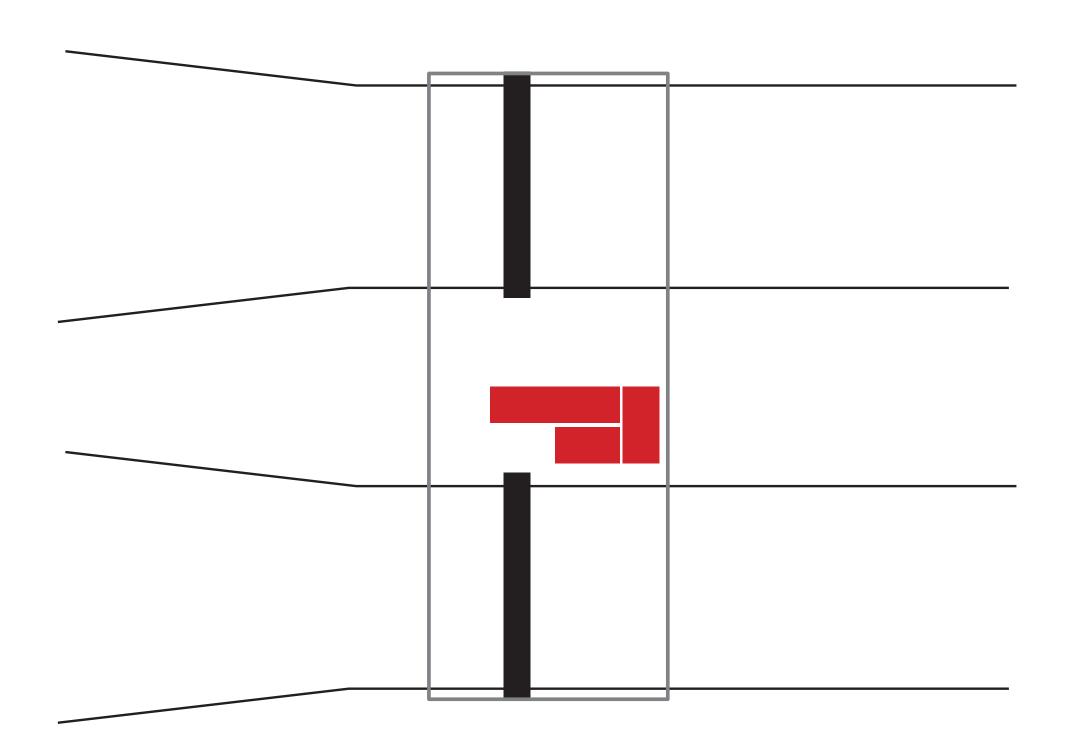


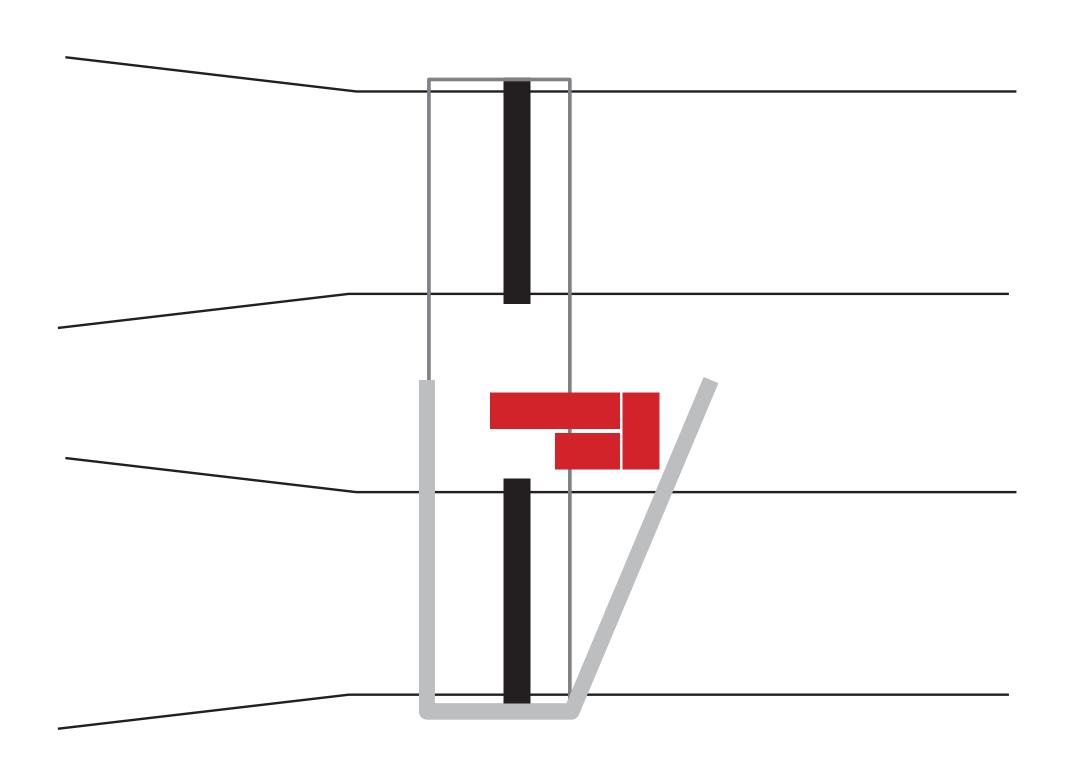


form





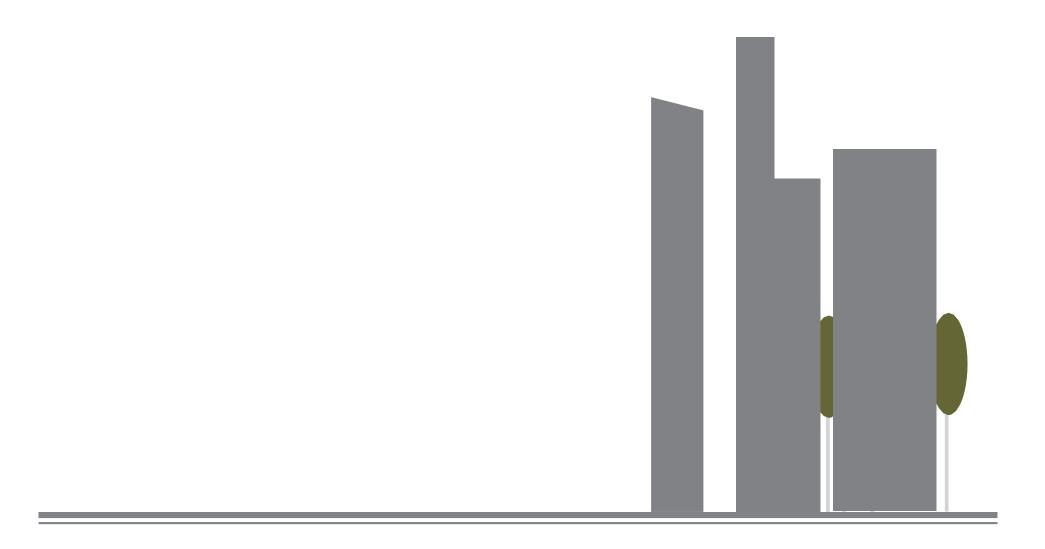




narrative

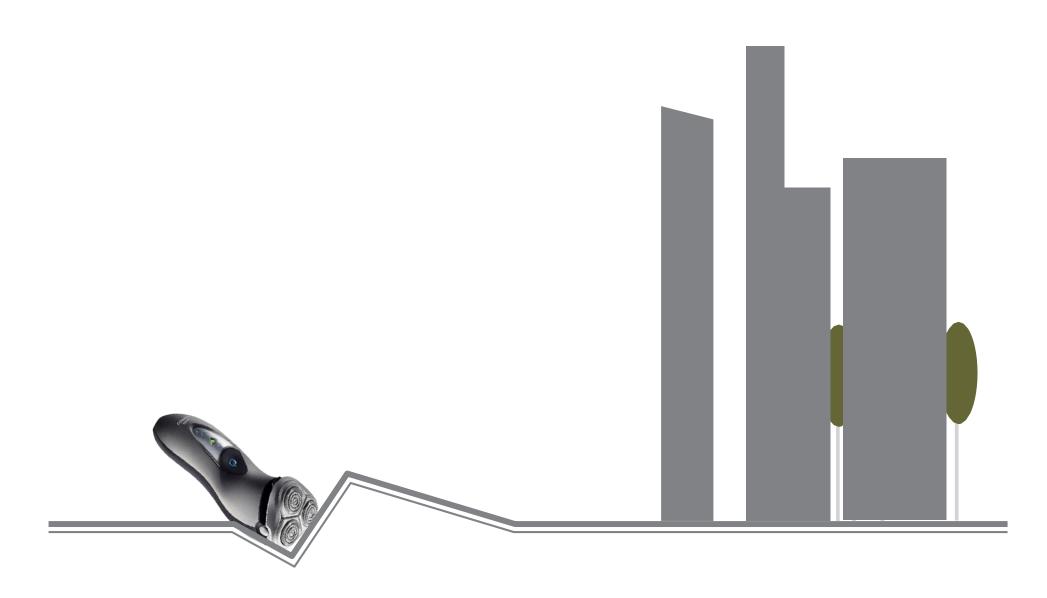


Florida 1907 Florida East Coast Railway

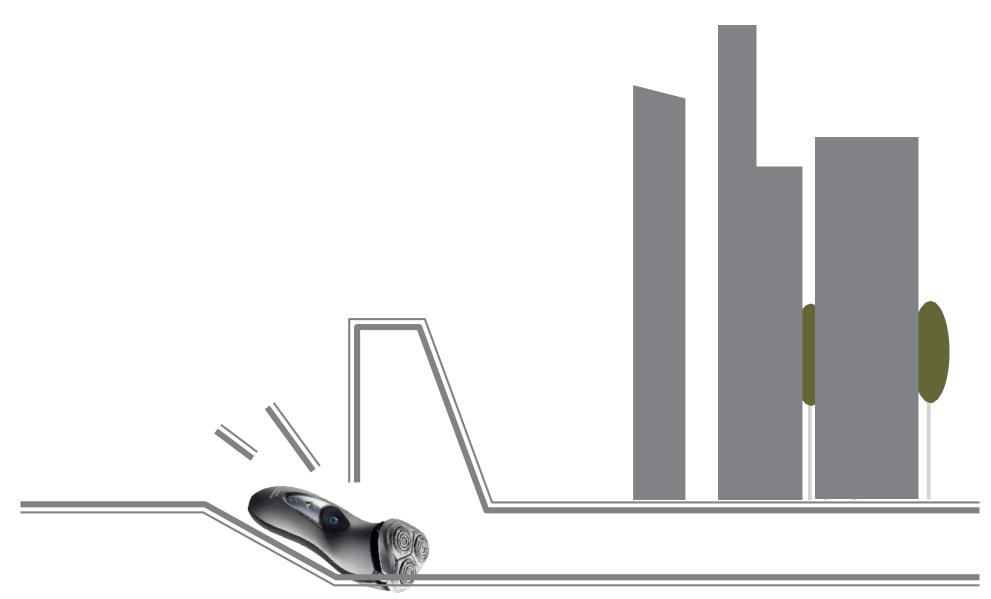


Miami 2012

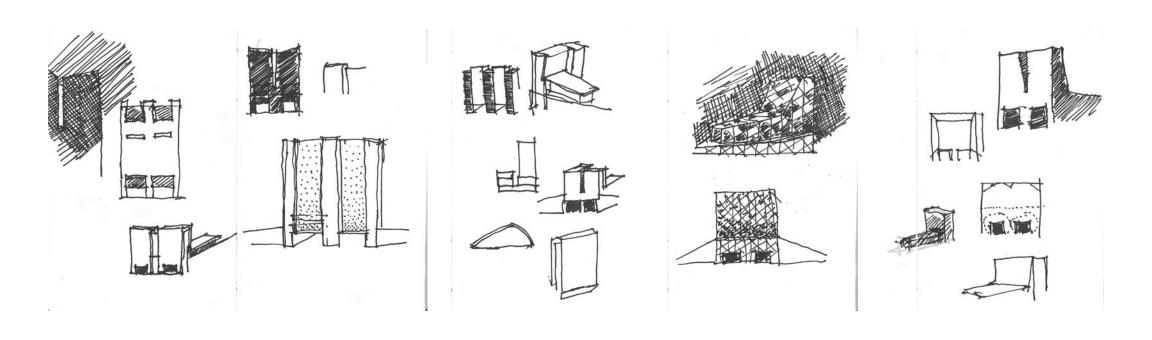
MacArthur Causeway

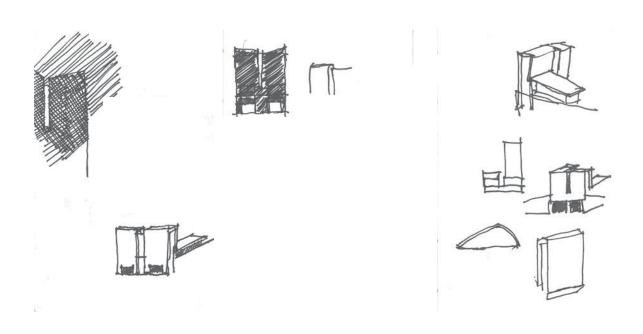


Miami 2012
Enter Harriet

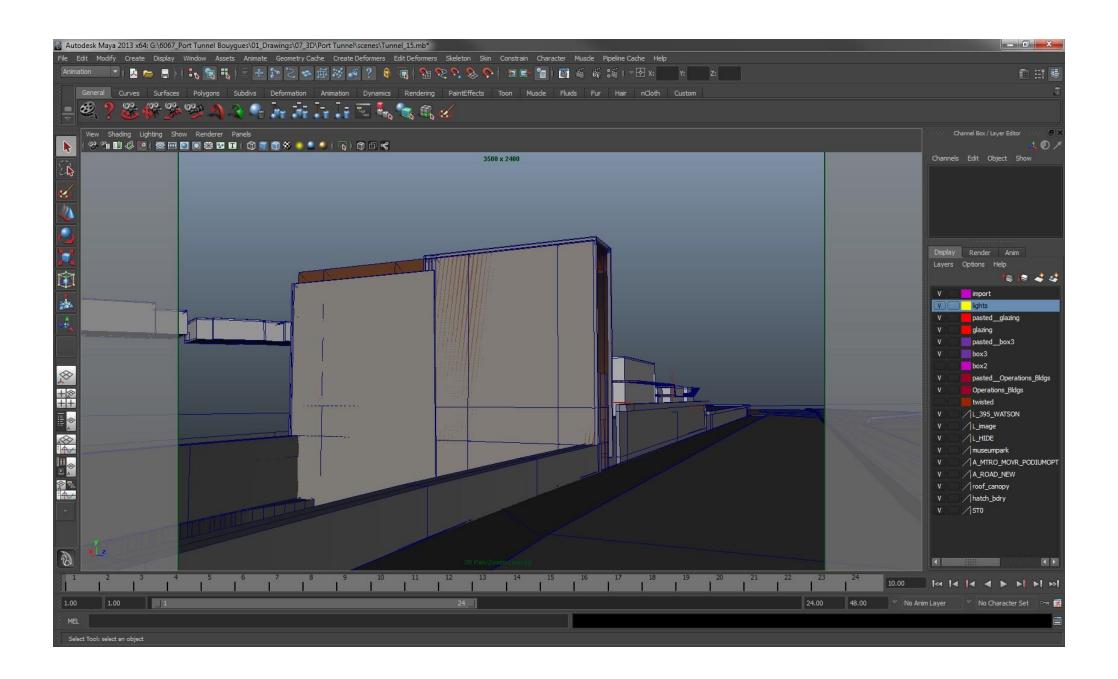


Port Tunnel



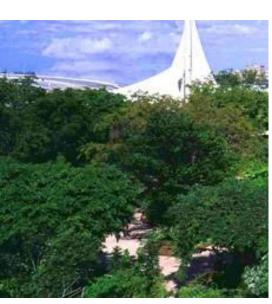








material





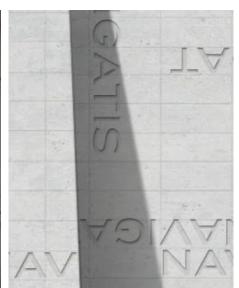




landscape

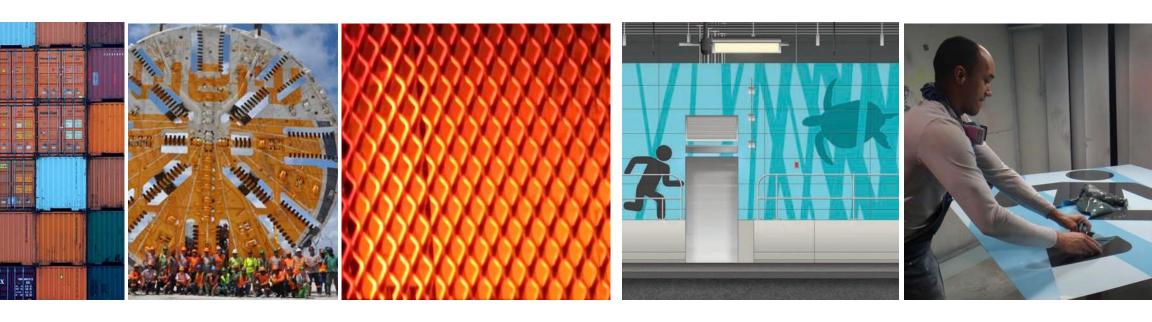






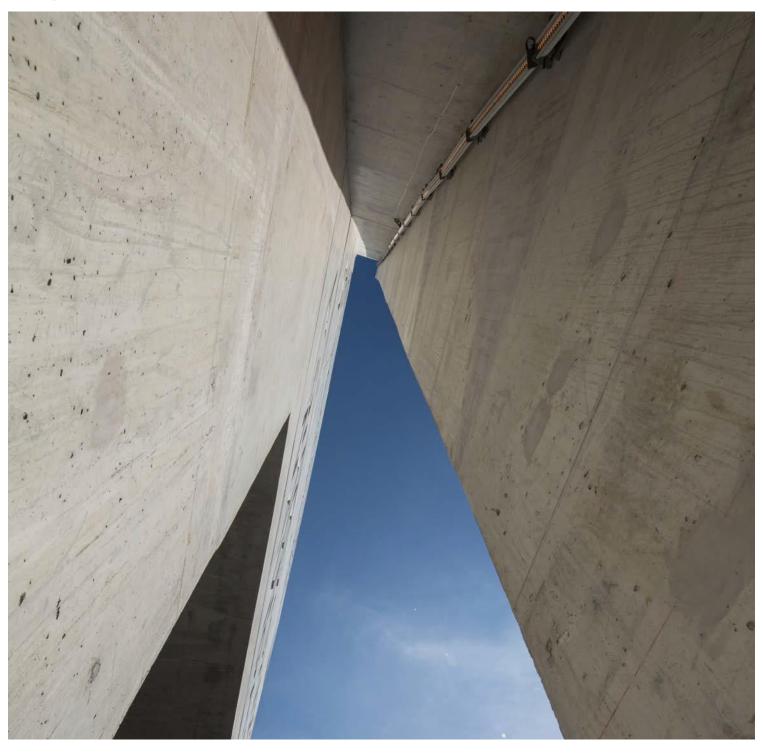


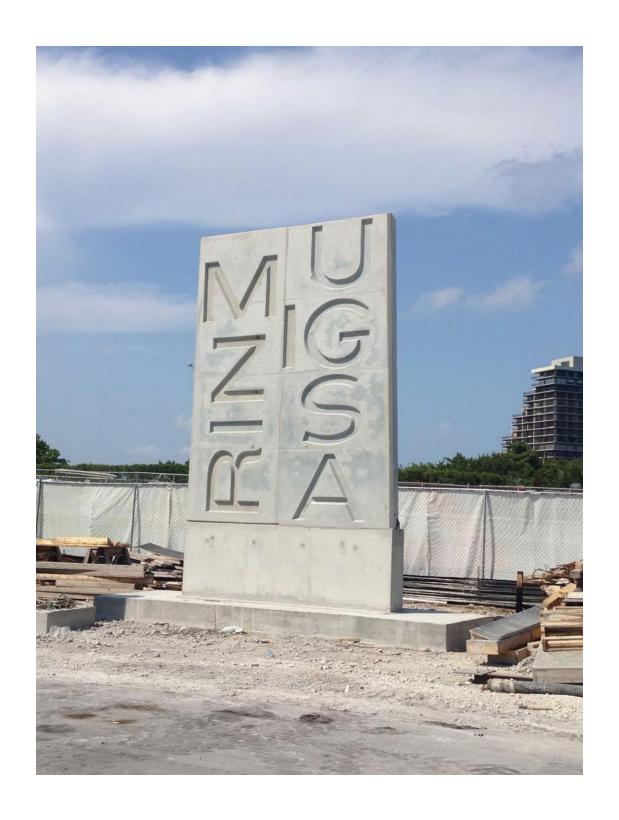
concrete

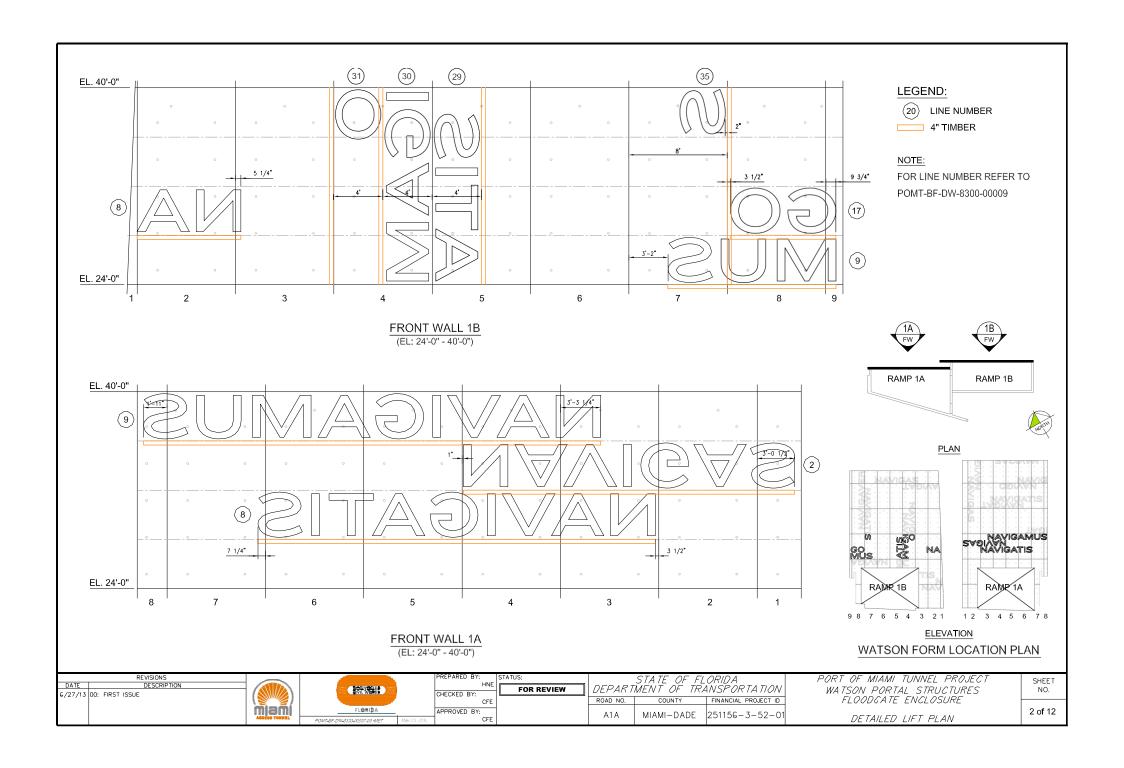


metal

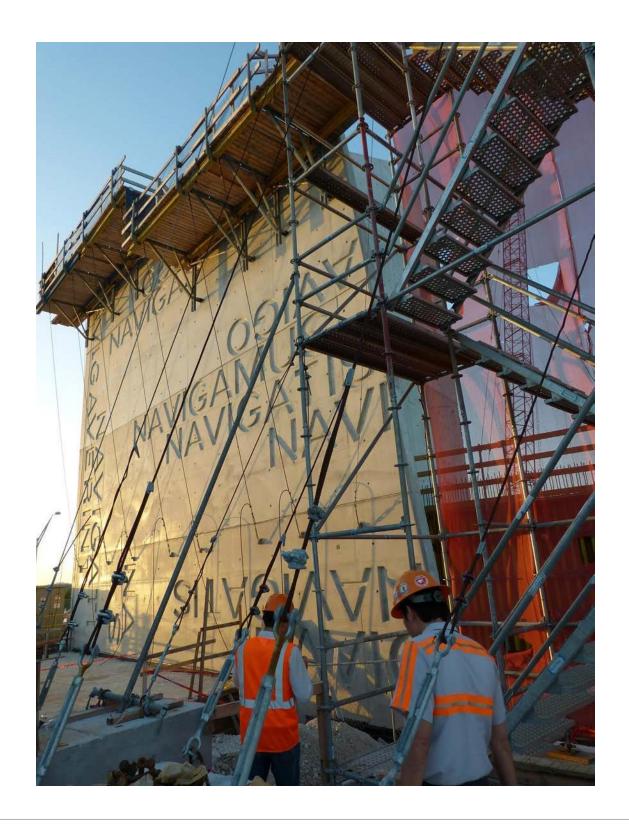
scale

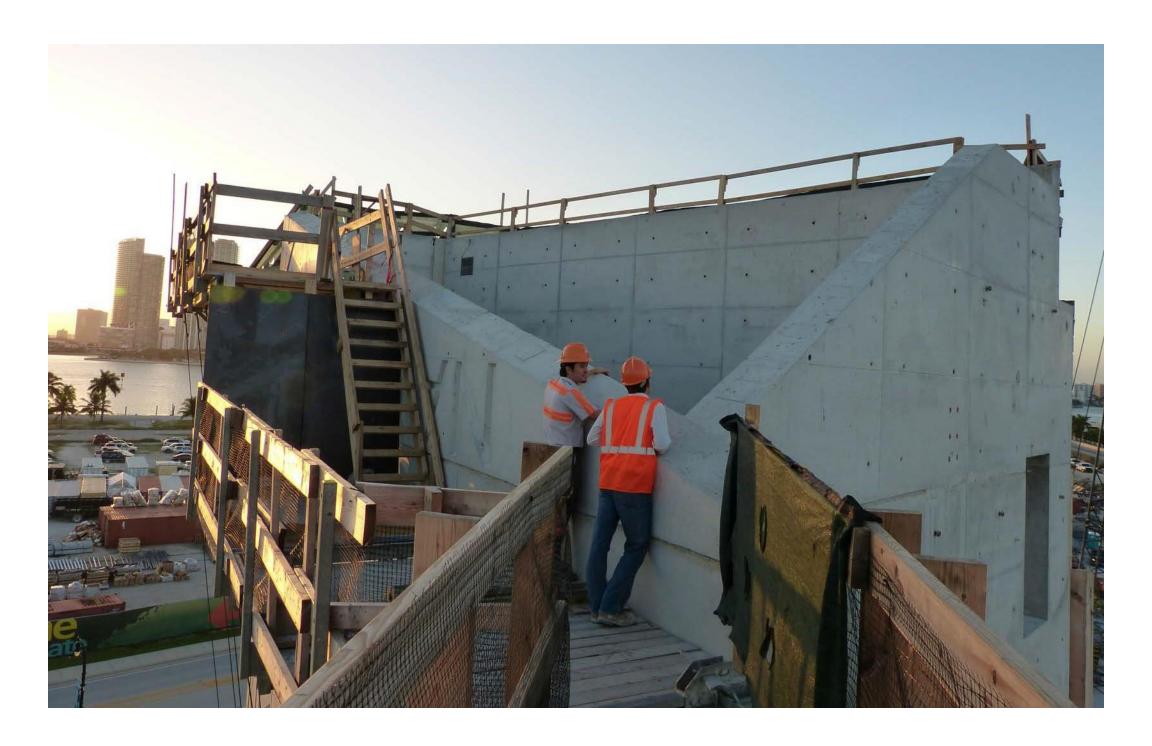


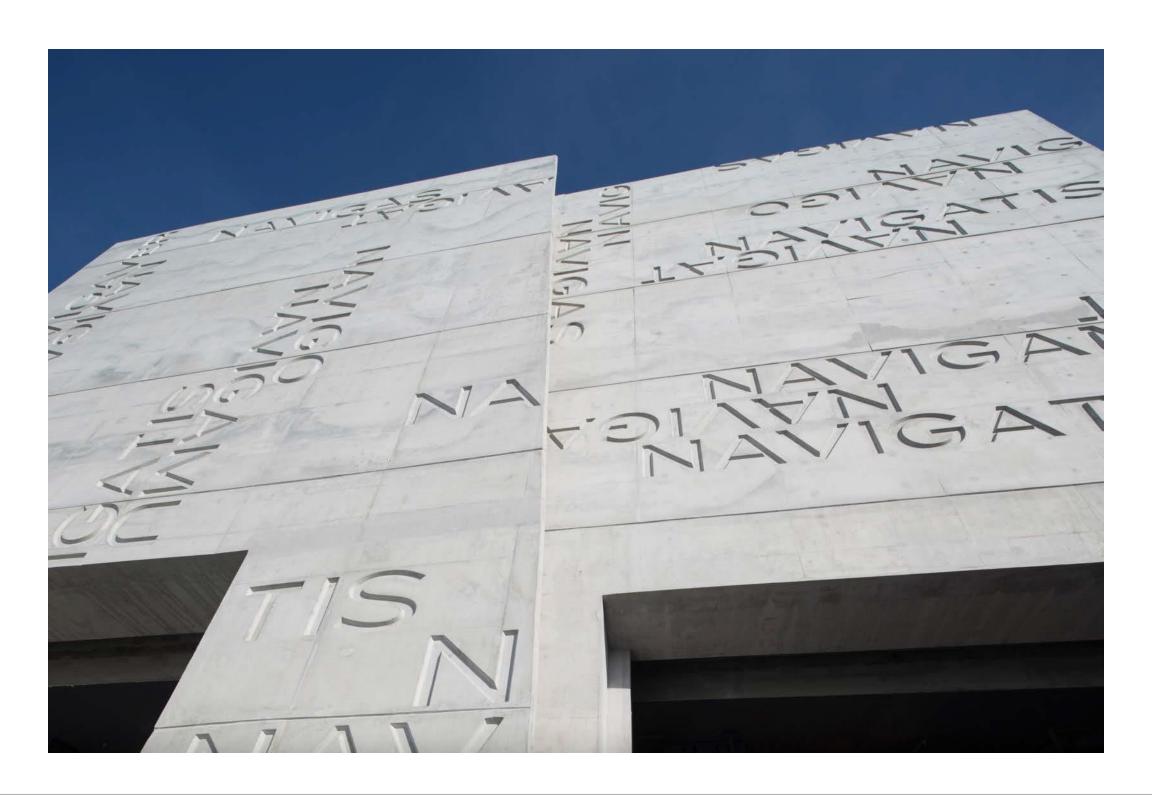










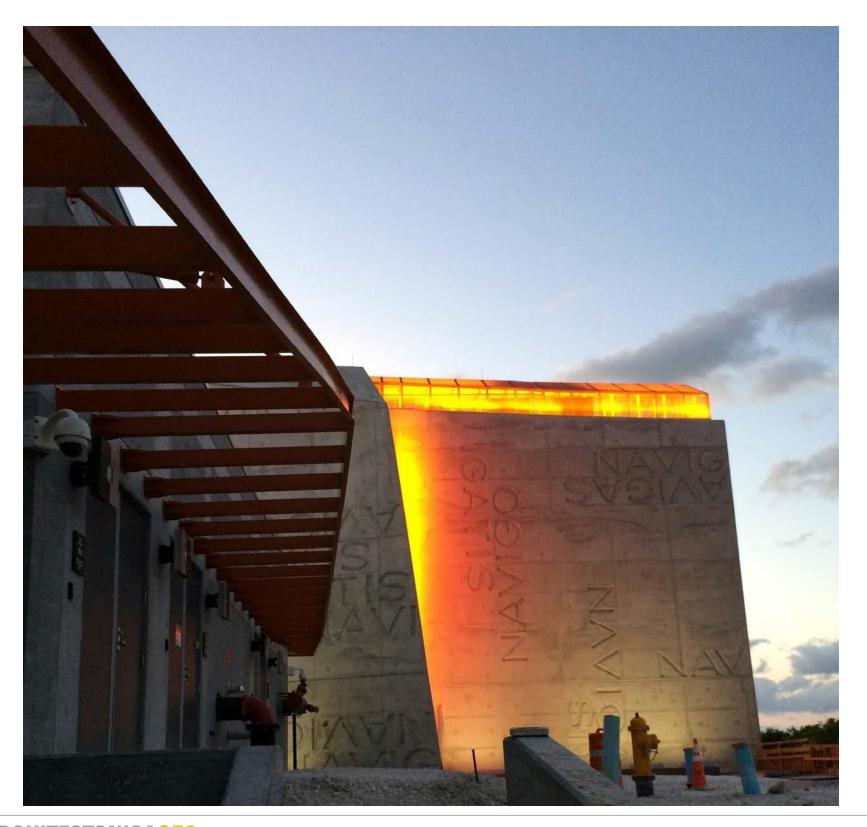


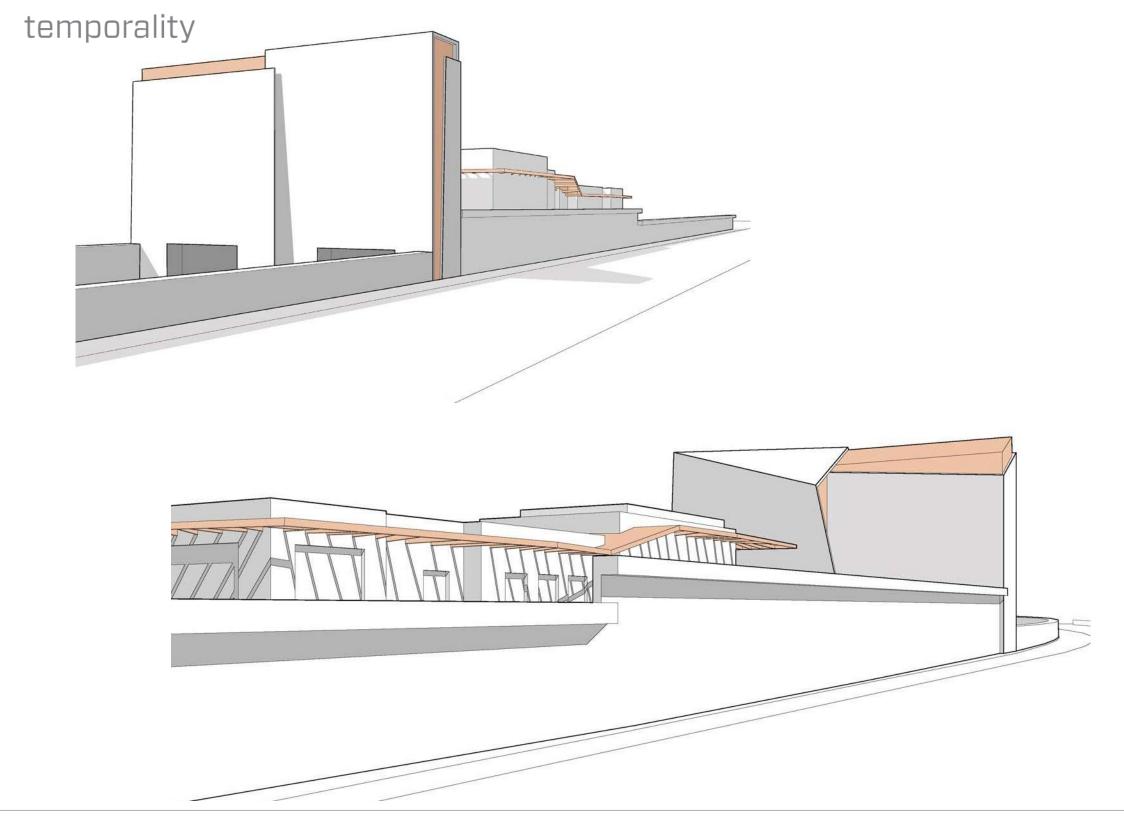


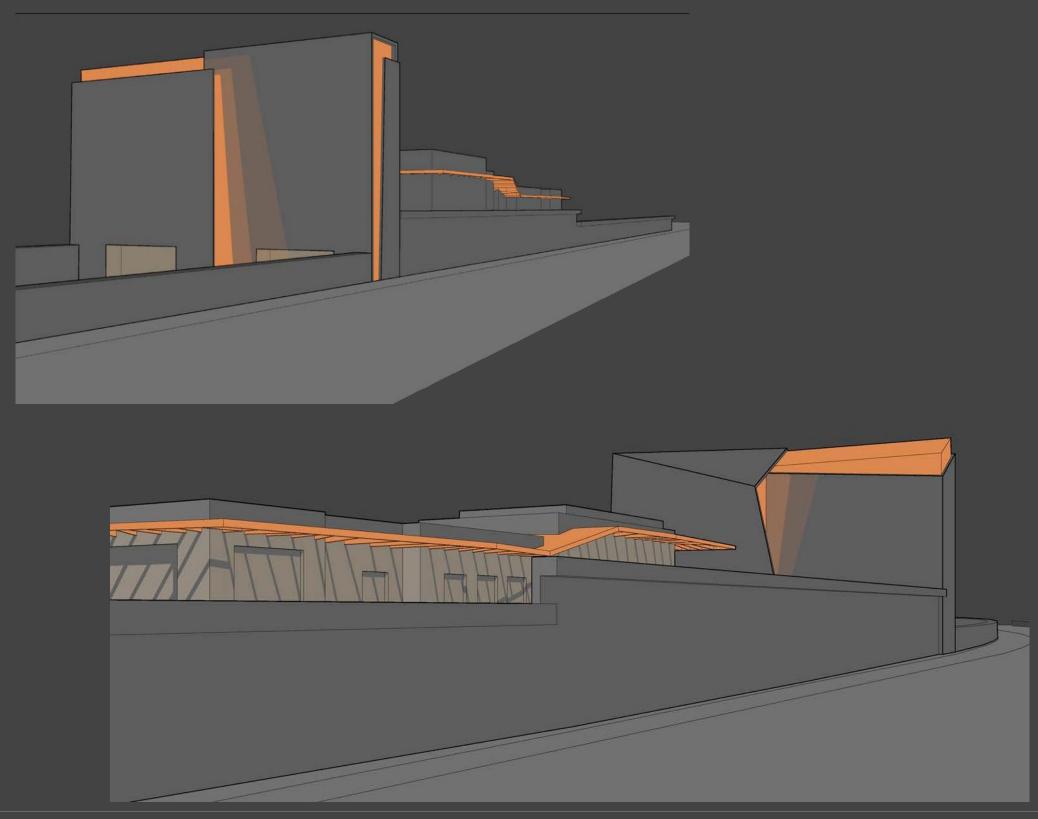


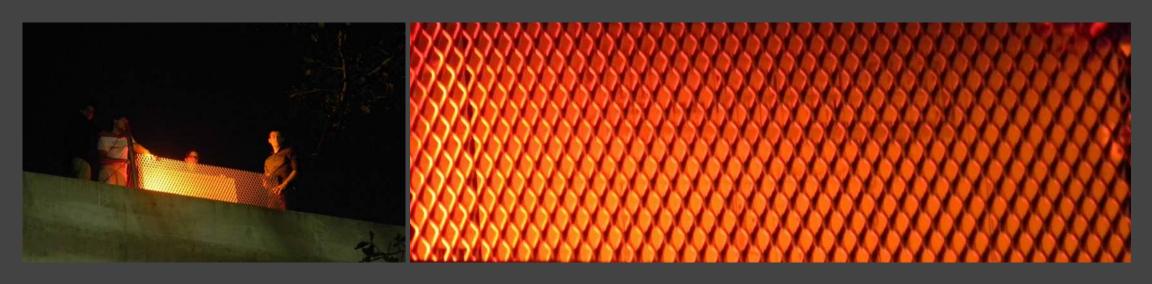


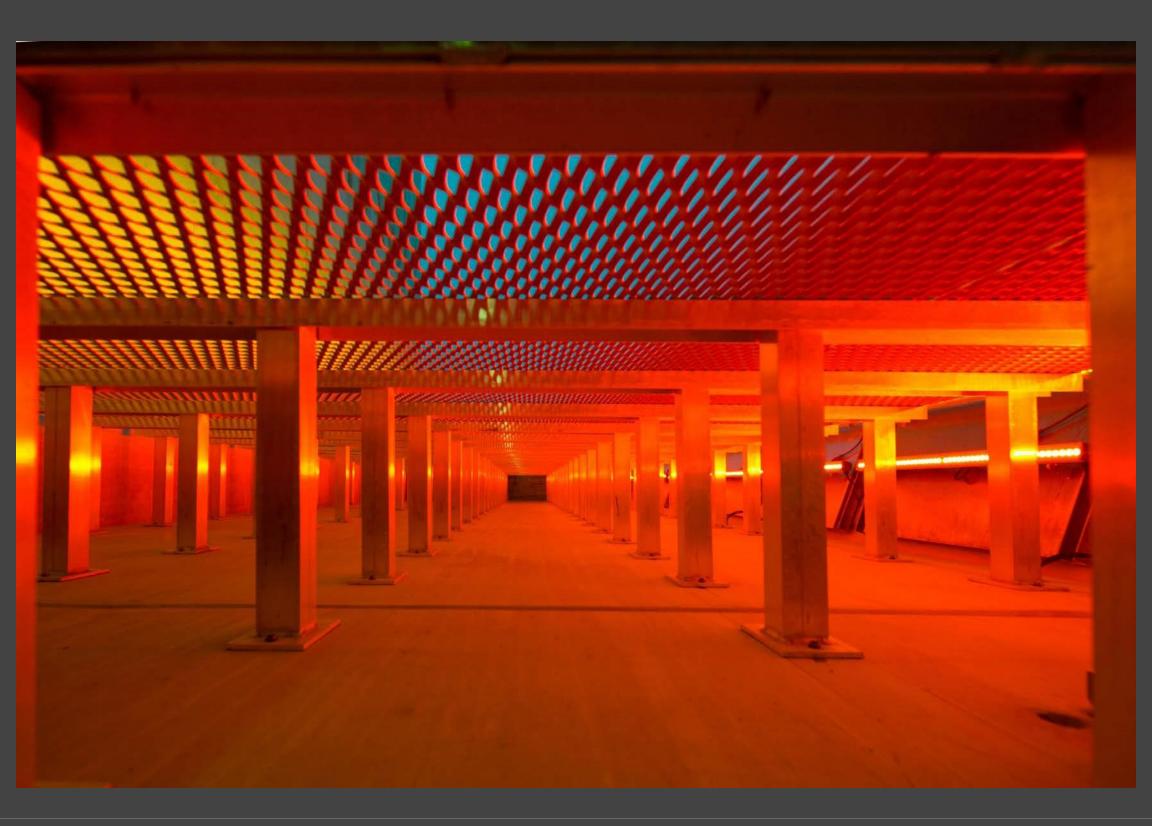


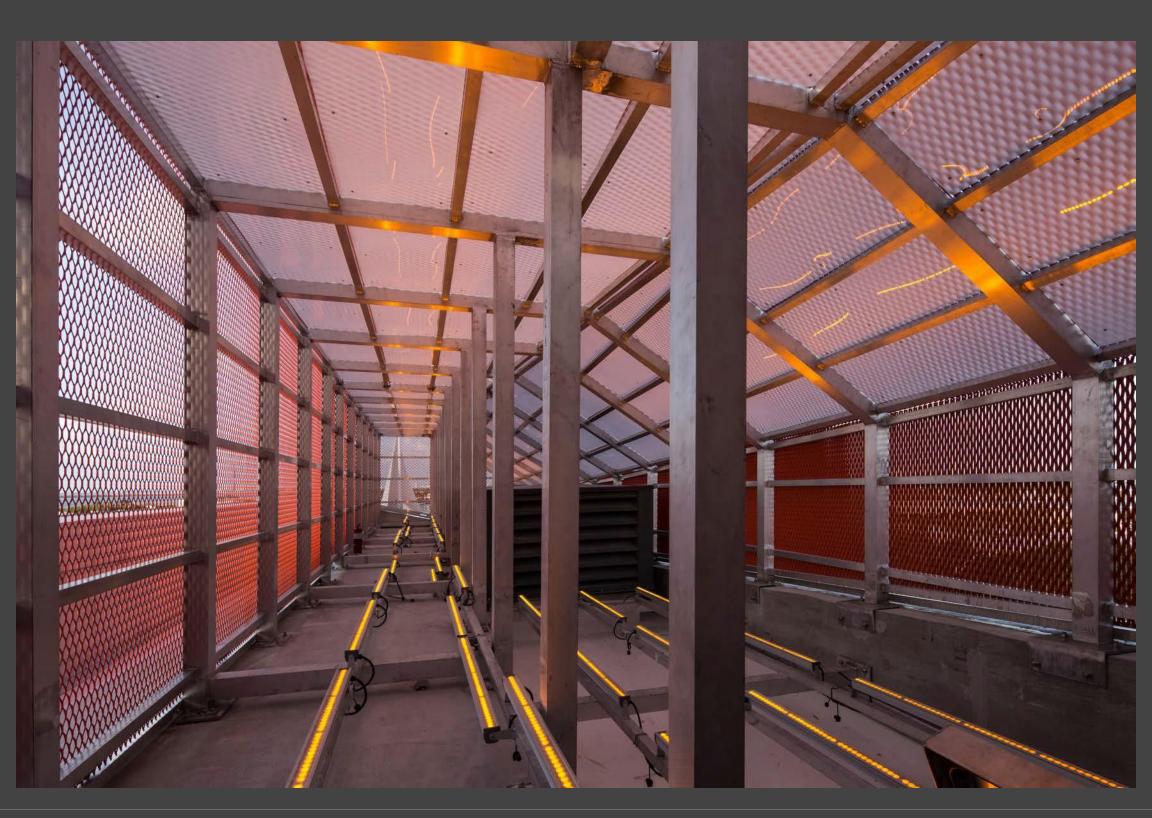


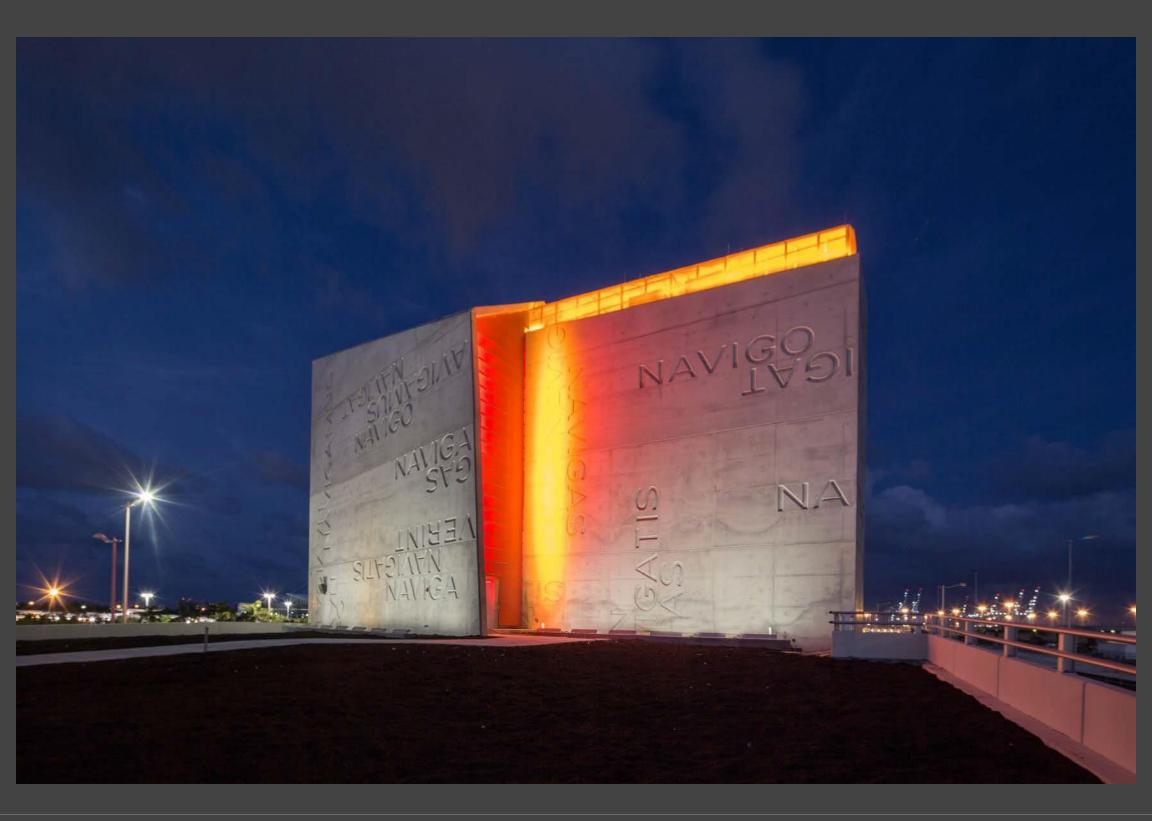








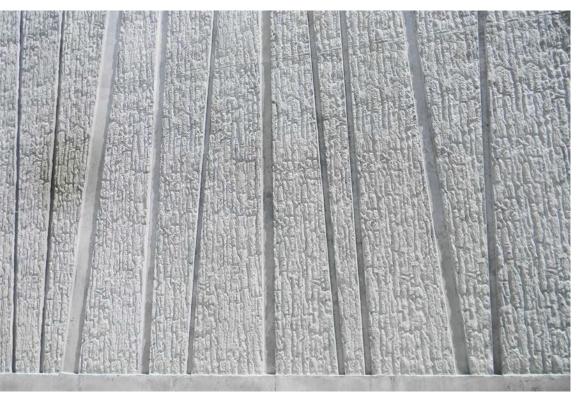




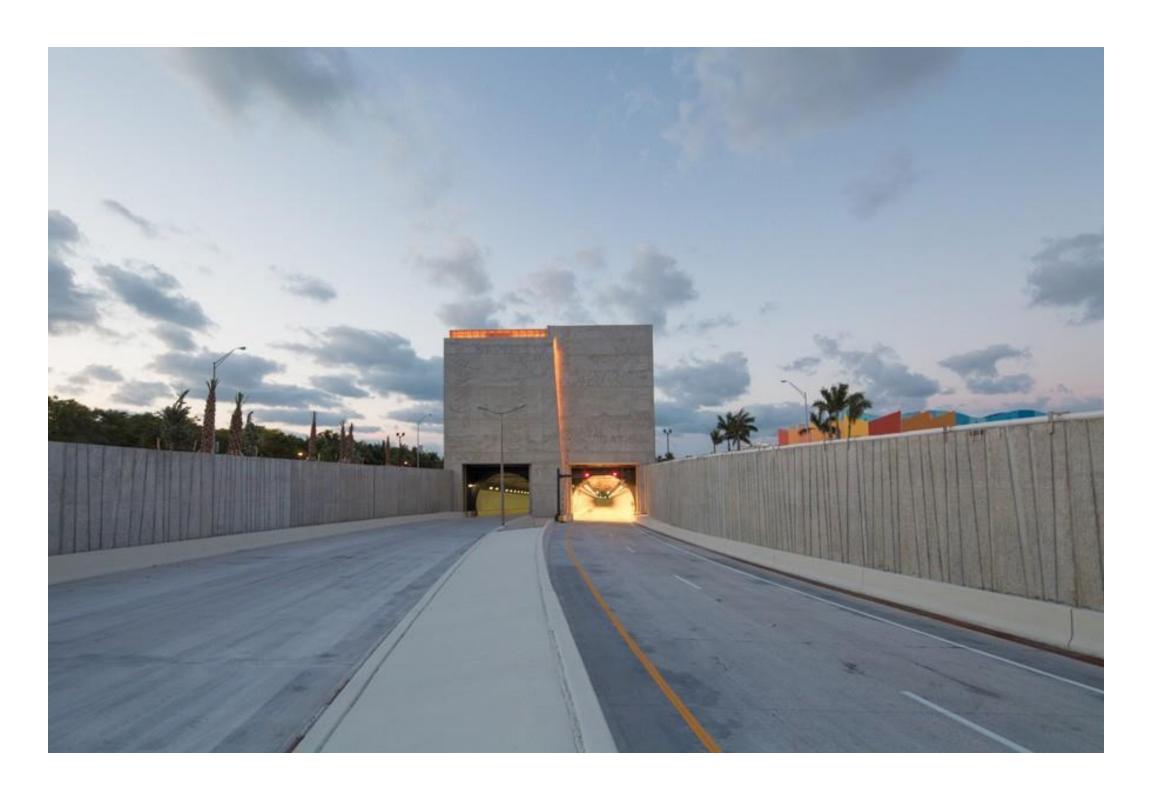


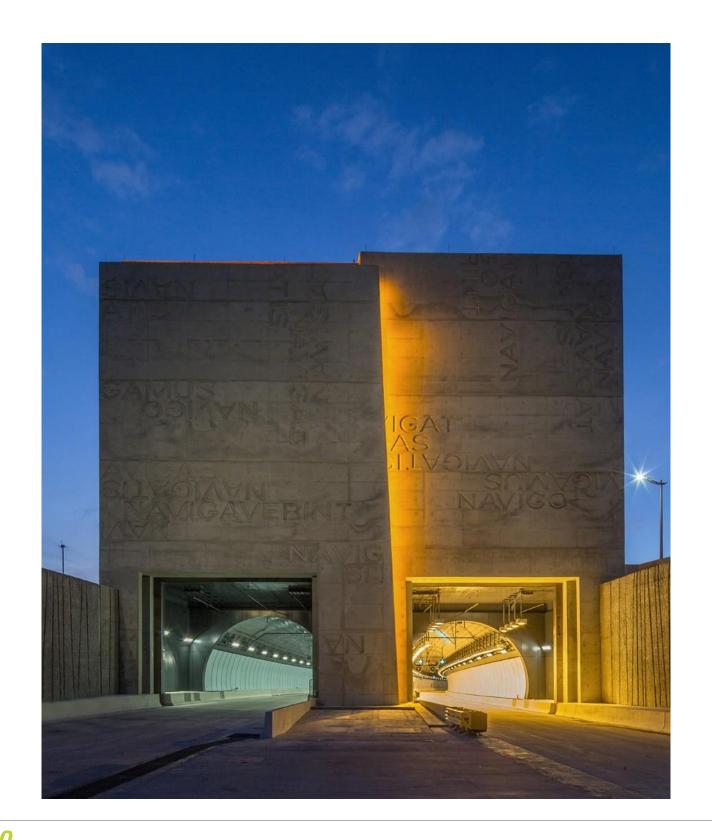




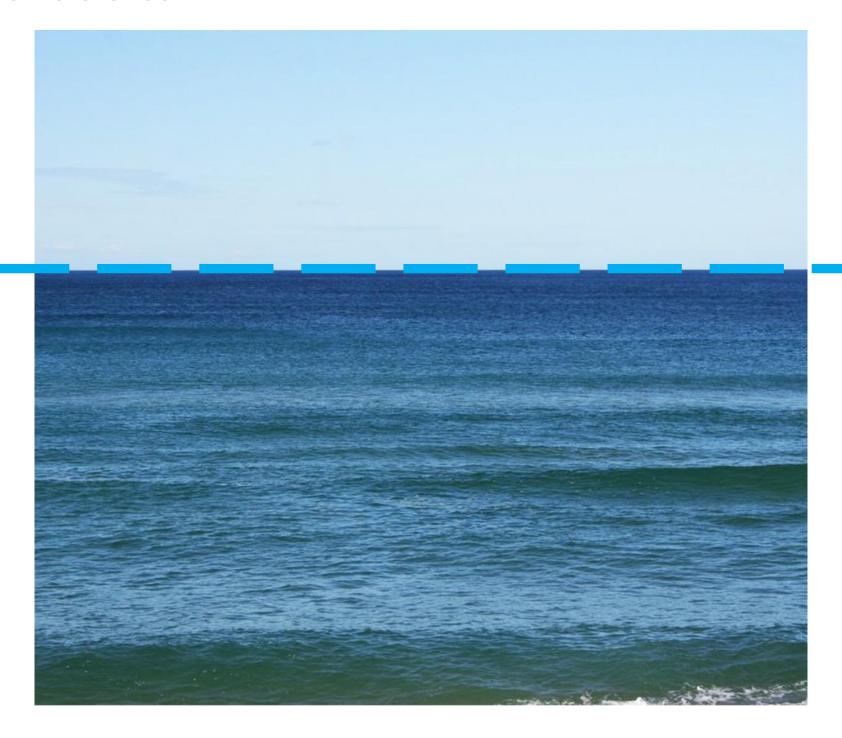


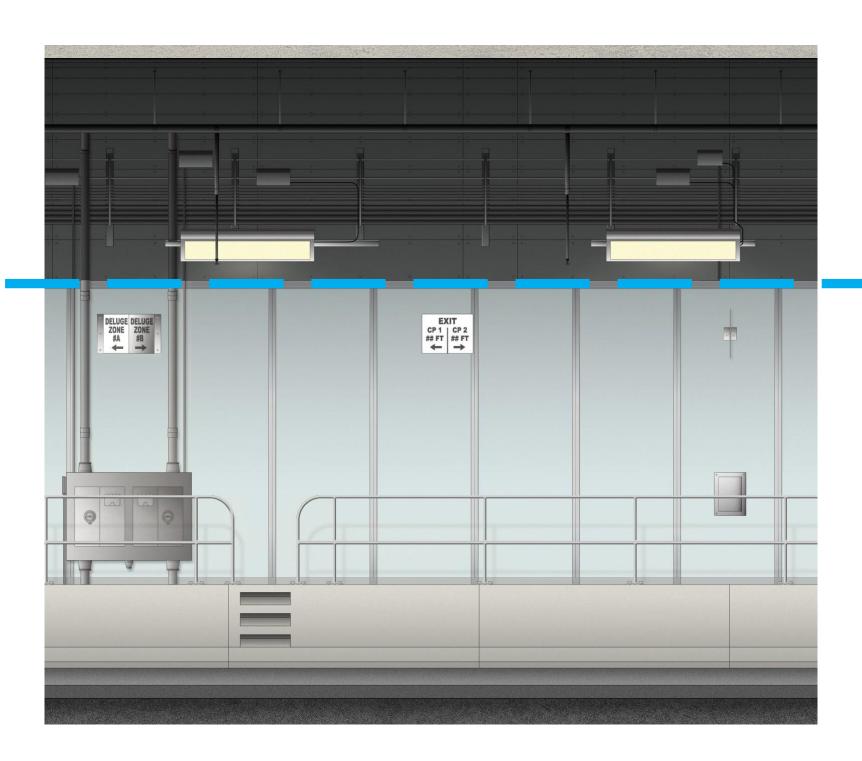


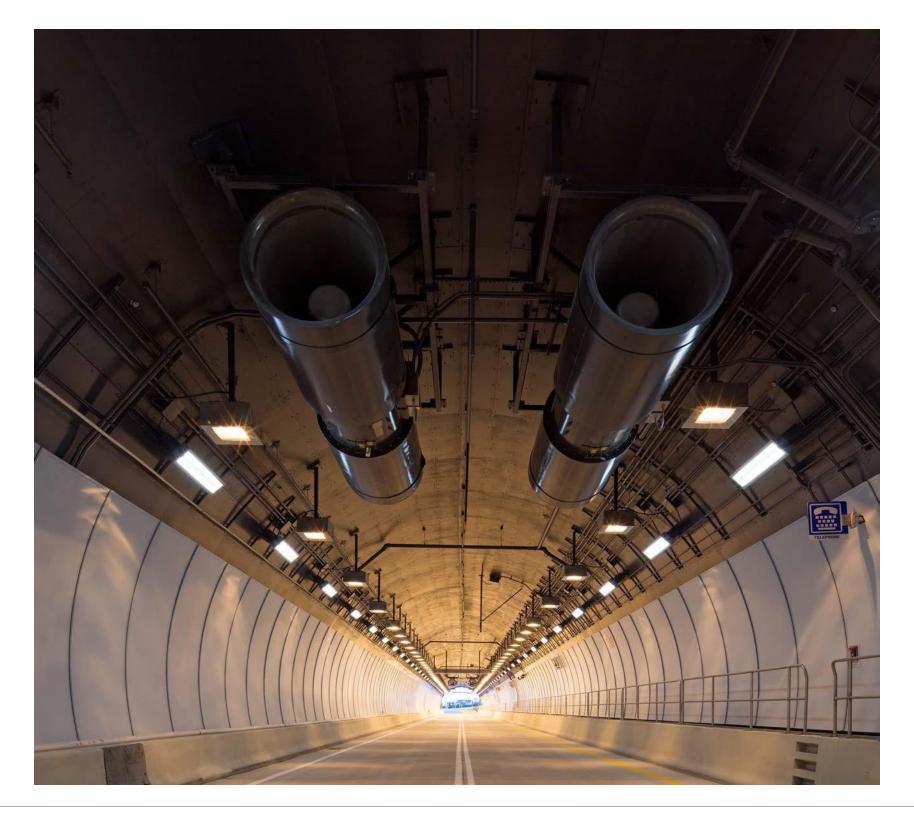


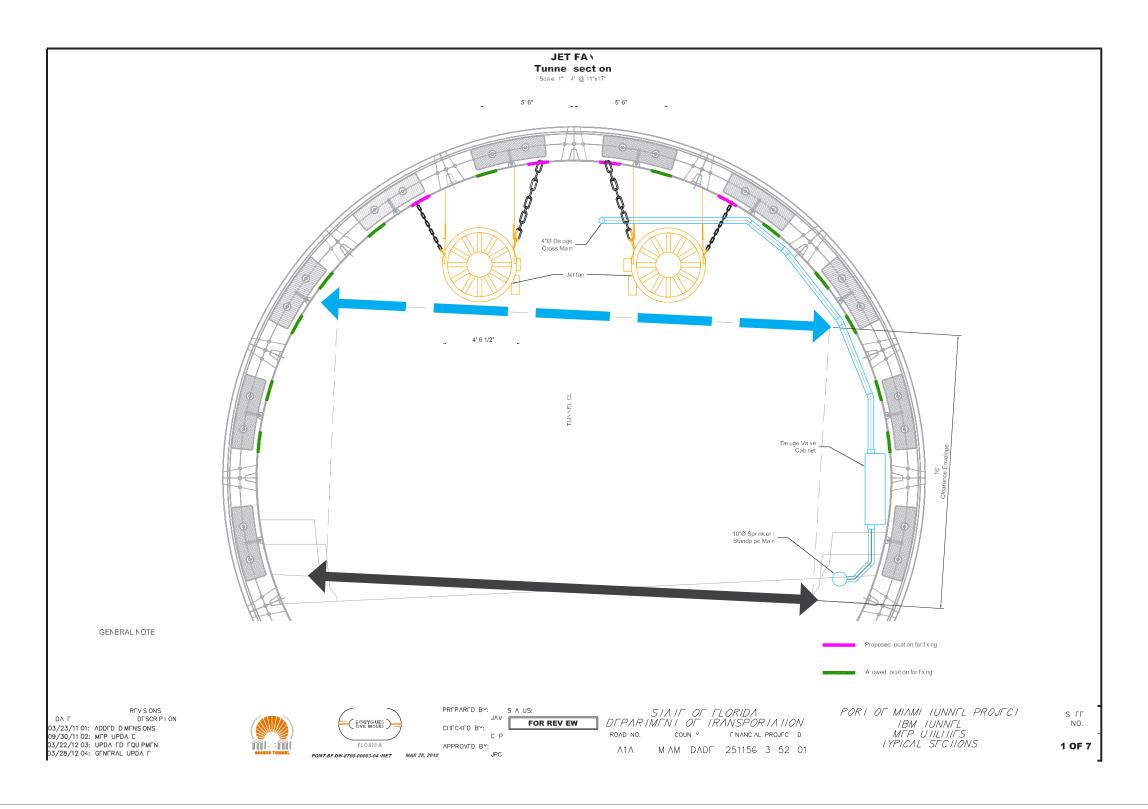


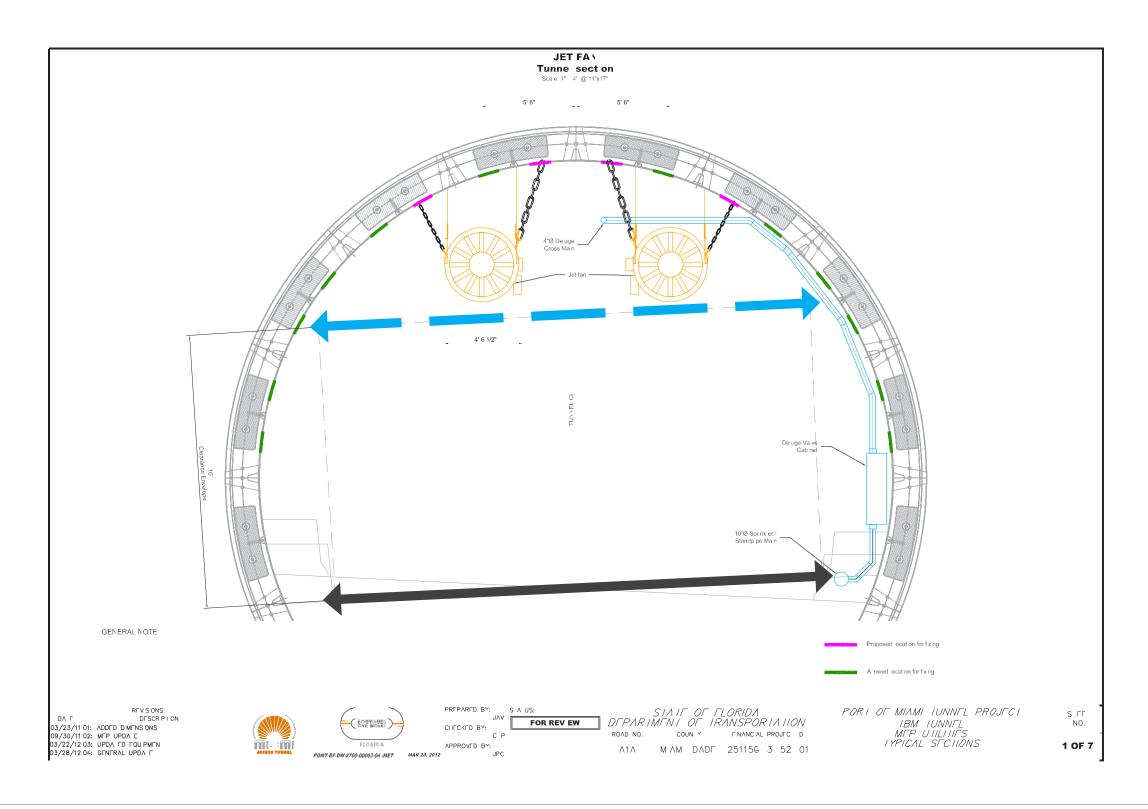
horizontal reference









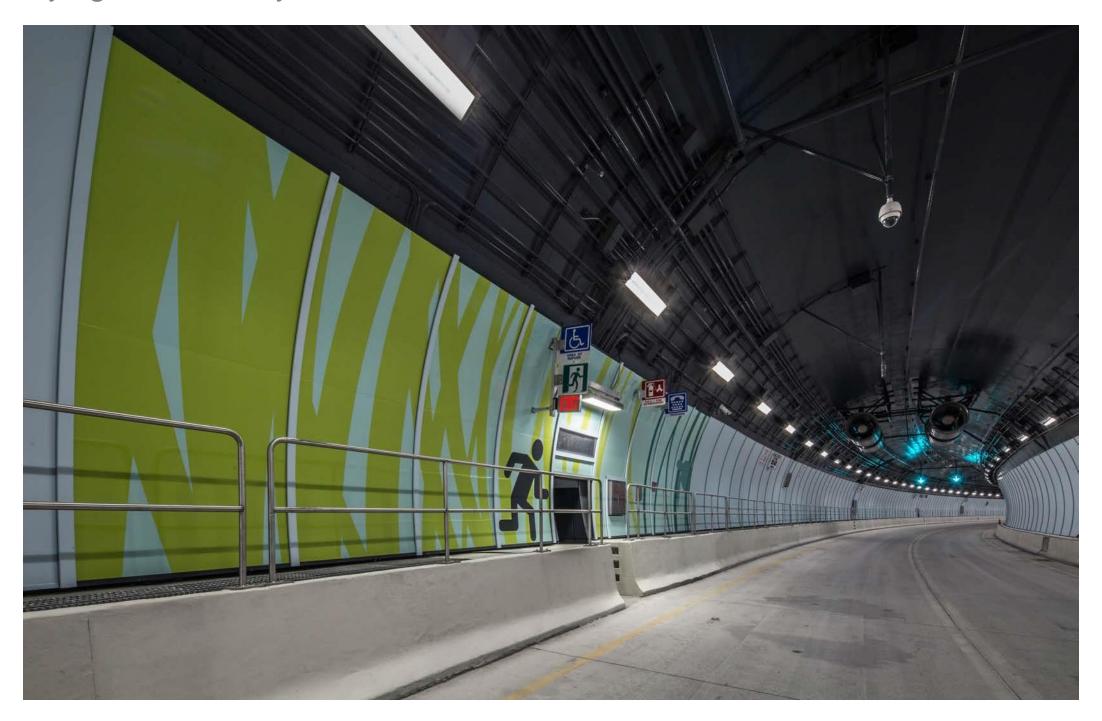


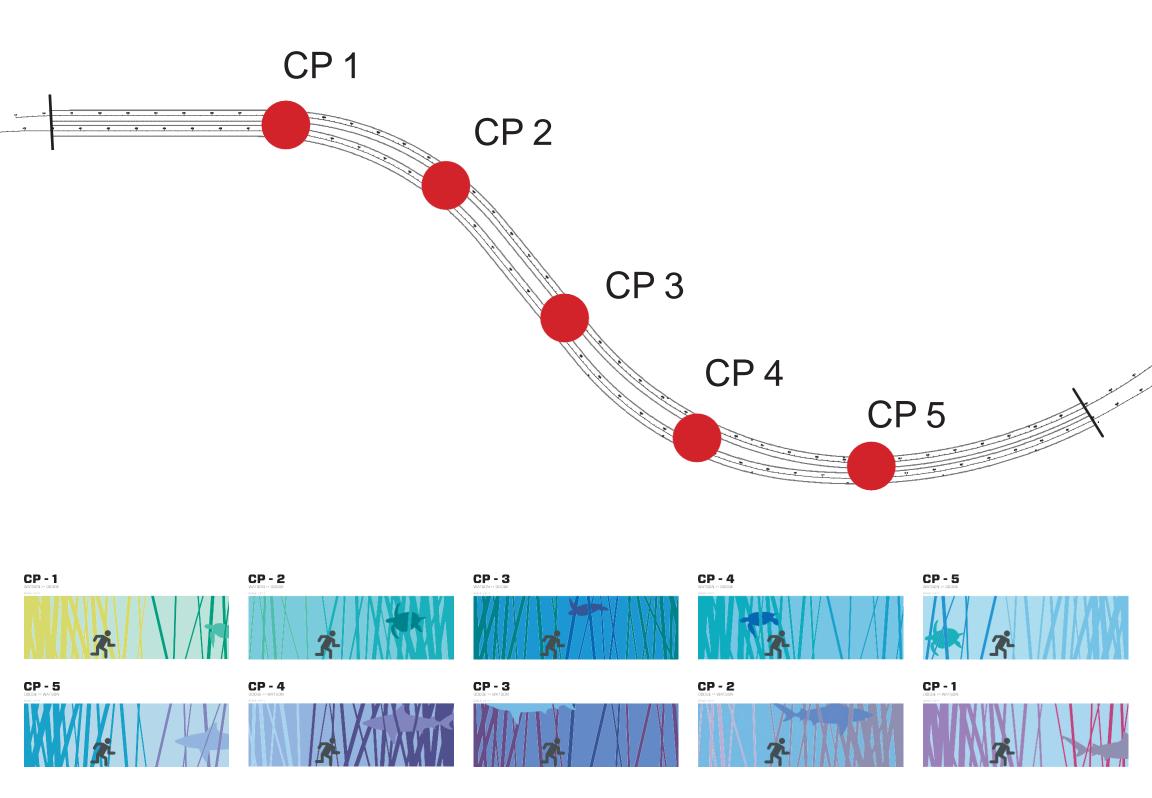






laying out the story board

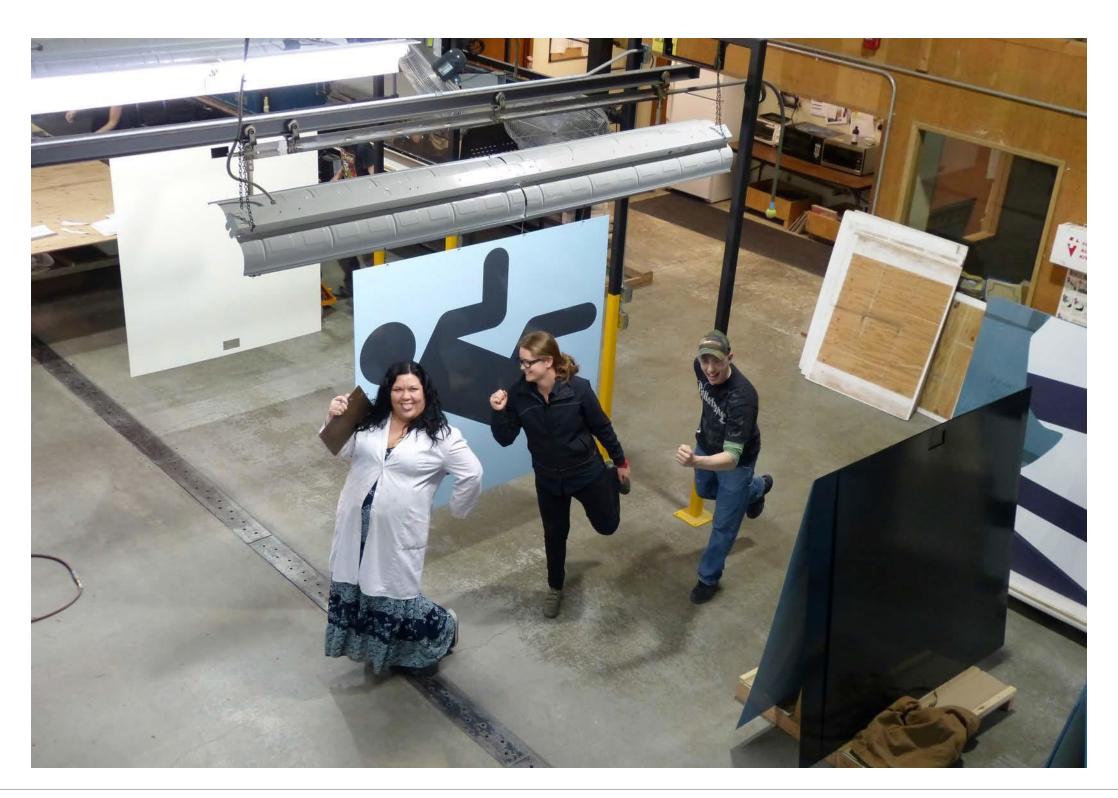


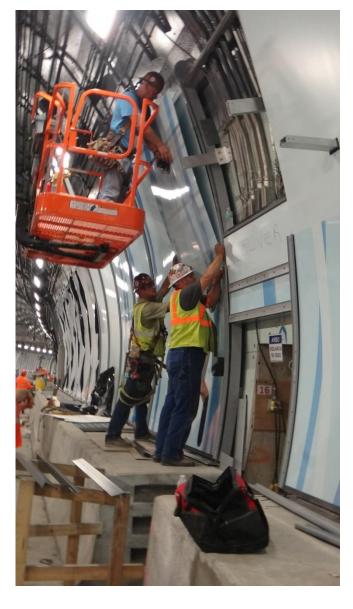


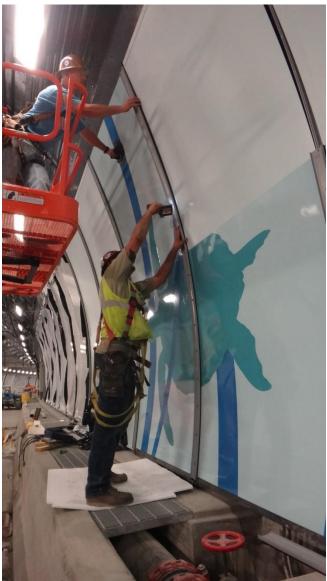
seattle

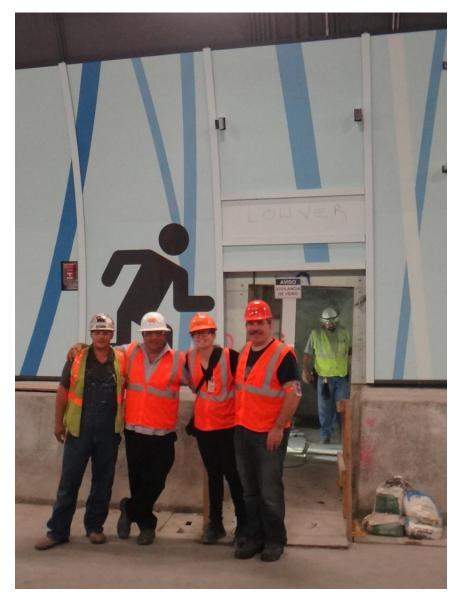
miami



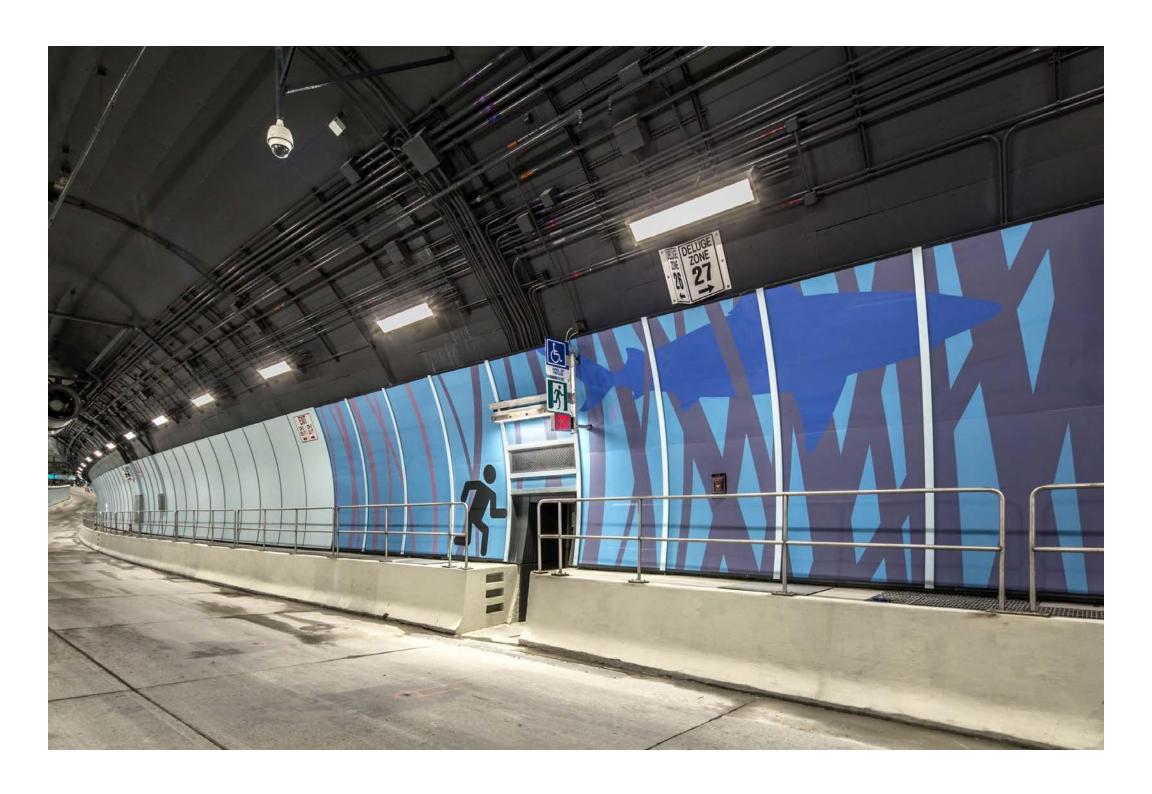


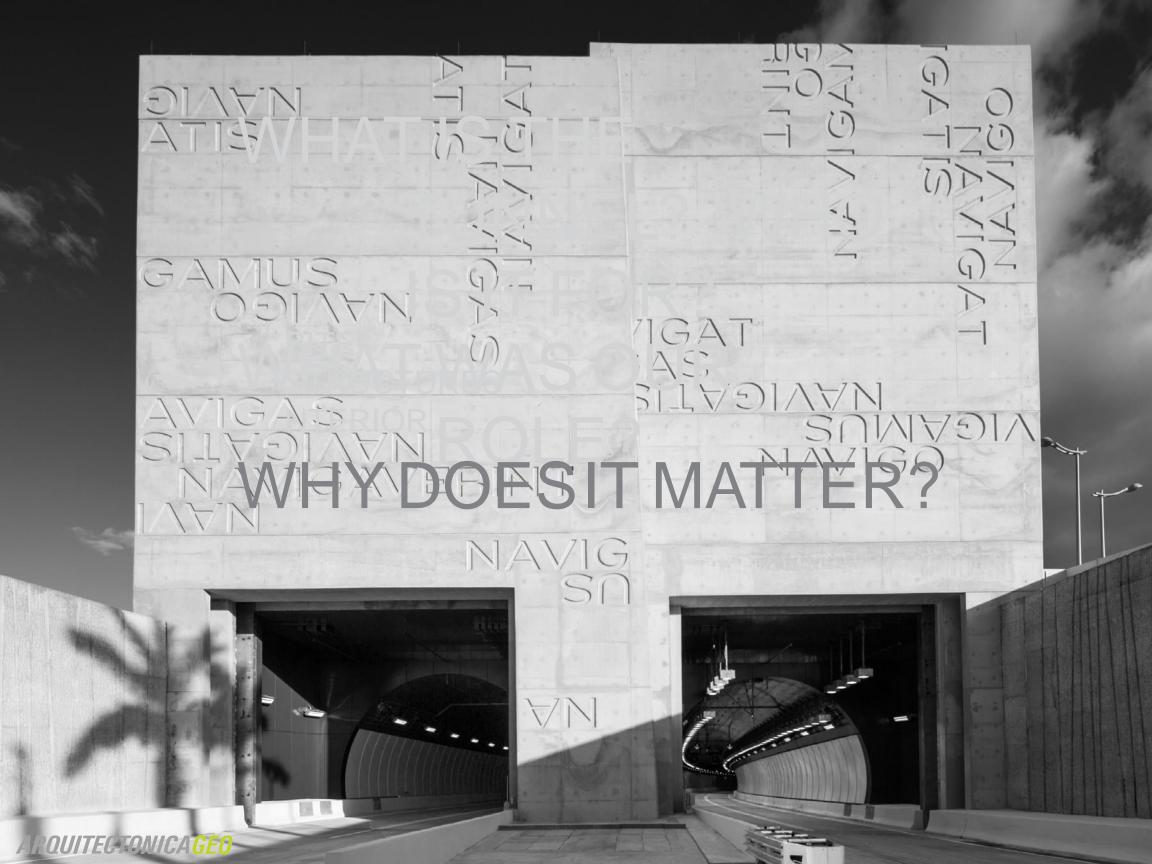












civic infrastructure



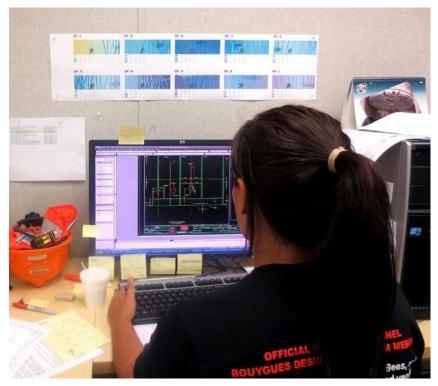


Rome 1762
Trevi Fountain

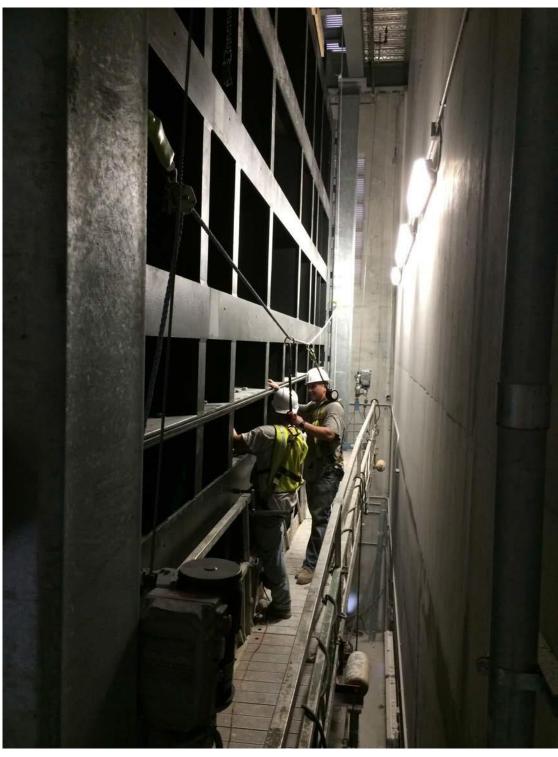
1960



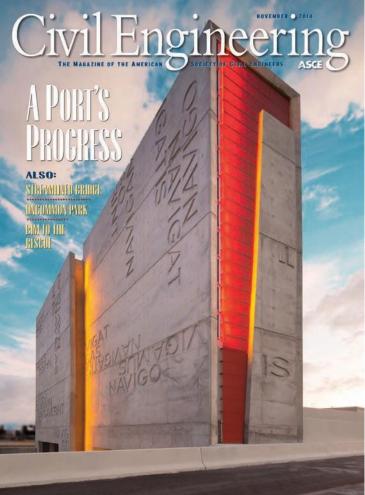
Florida 1907 Florida East Coast Railway







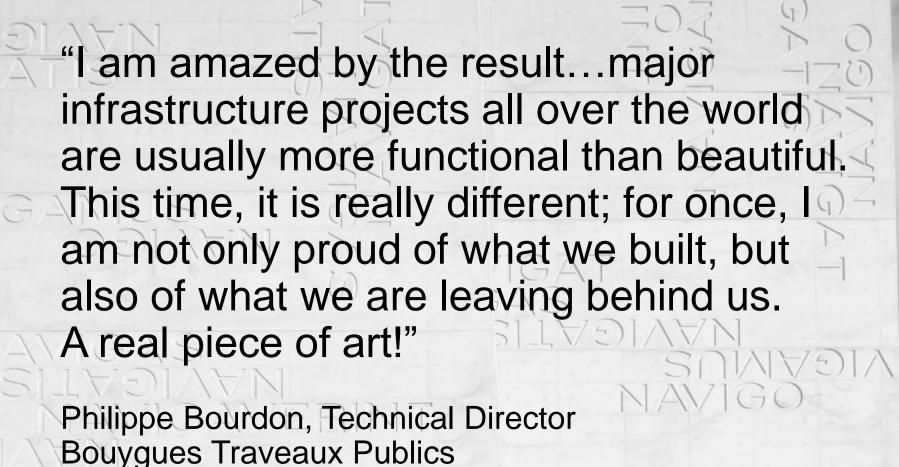








Barack Obama March 29, 2013





ROUITECTONICAGEO

Project Partners:

Public Sponsors:

MAT Concessionaire, LLC Florida Department of Transportation (FDOT) Miami-Dade County City of Miami

Private Sponsors:

Meridian Infrastructure Finance

Federal Support:

US Department of Transportation
Transportation Infrastructure Finance (TIFIA)



Team:

Construction Project Manager: CSA Group

Public Information Specialist: Stantec Consulting

Owner's Representative: Parsons Brinckerhoff

Construction Engineering & Inspection (CEI) Team: Parsons

Brinckerhoff

Florida Department of Transportation (FDOT)

Concessionaire: MAT Concessionaire, LLC

Design-Build Contractor: Bouygues Civil Works Florida

Tunnel Operator / Maintenance: Transfield Services Industry

Architect of Record: AECOM

Landscape Architect of Record: Laura Llerena & Associates, Inc.

Design Architect: Arquitectonica

Design Landscape Architect: ArquitectonicaGEO

Structural Engineer: AECOM

MEP Engineer: AECOM

Intelligent Transportation Systems: AECOM

Utility Relocation: AECOM

Highway Lighting: AECOM

Civil Engineer: Jacobs Engineering Group Inc.

General Contractor: Bouygues Civil Works Florida

Landscape Contractor: Superior Landscaping & Lawn Service, Inc.

Enameled Steel Graphic Panels: Winsor Fireform

Steel Mesh Panels: George's Welding Services, Inc.

Lighting: Lux Populi

PortMiami Tunnel

Communicating the PLACE and PROCESS while enhancing the ACT of navigation





